

FIG. 1 PRIOR ART

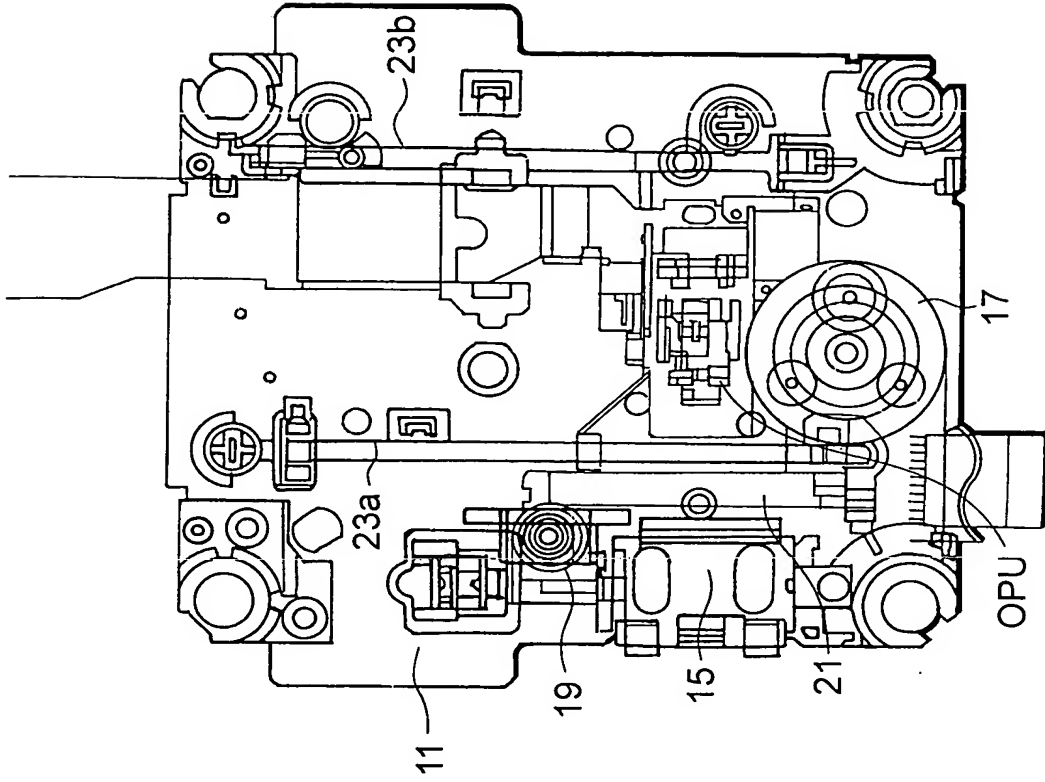


FIG. 2A

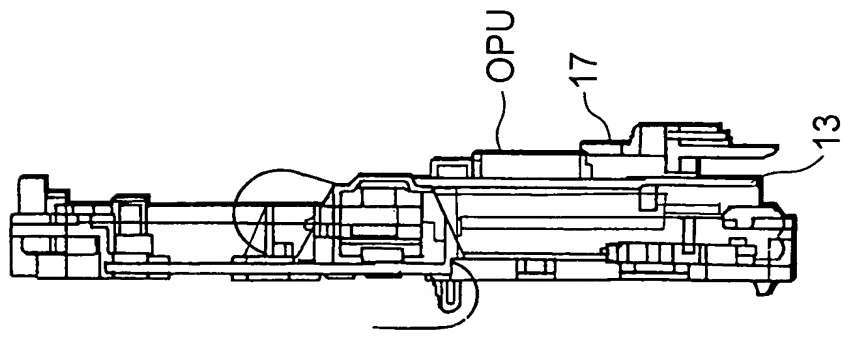


FIG. 2B

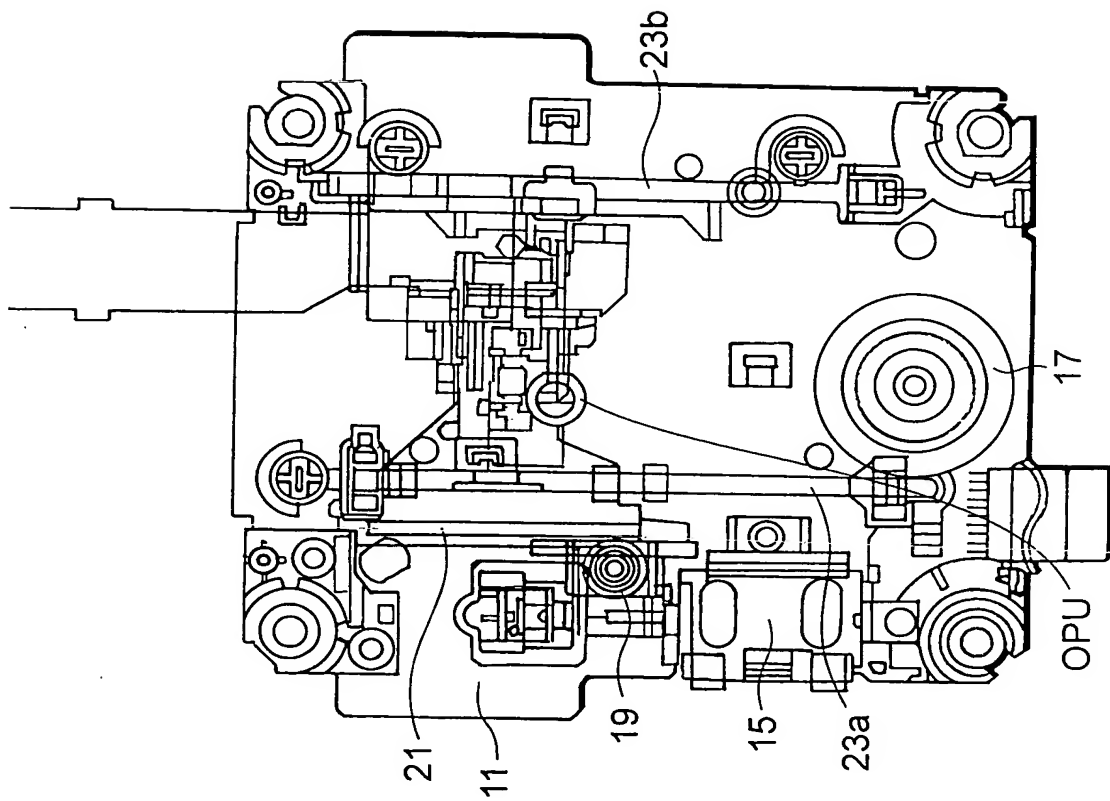


FIG. 3A

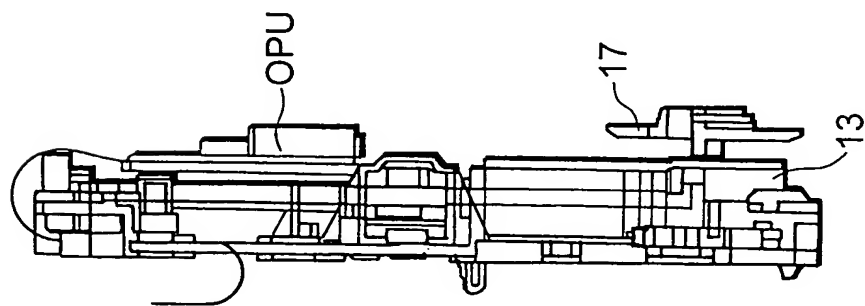


FIG. 3B

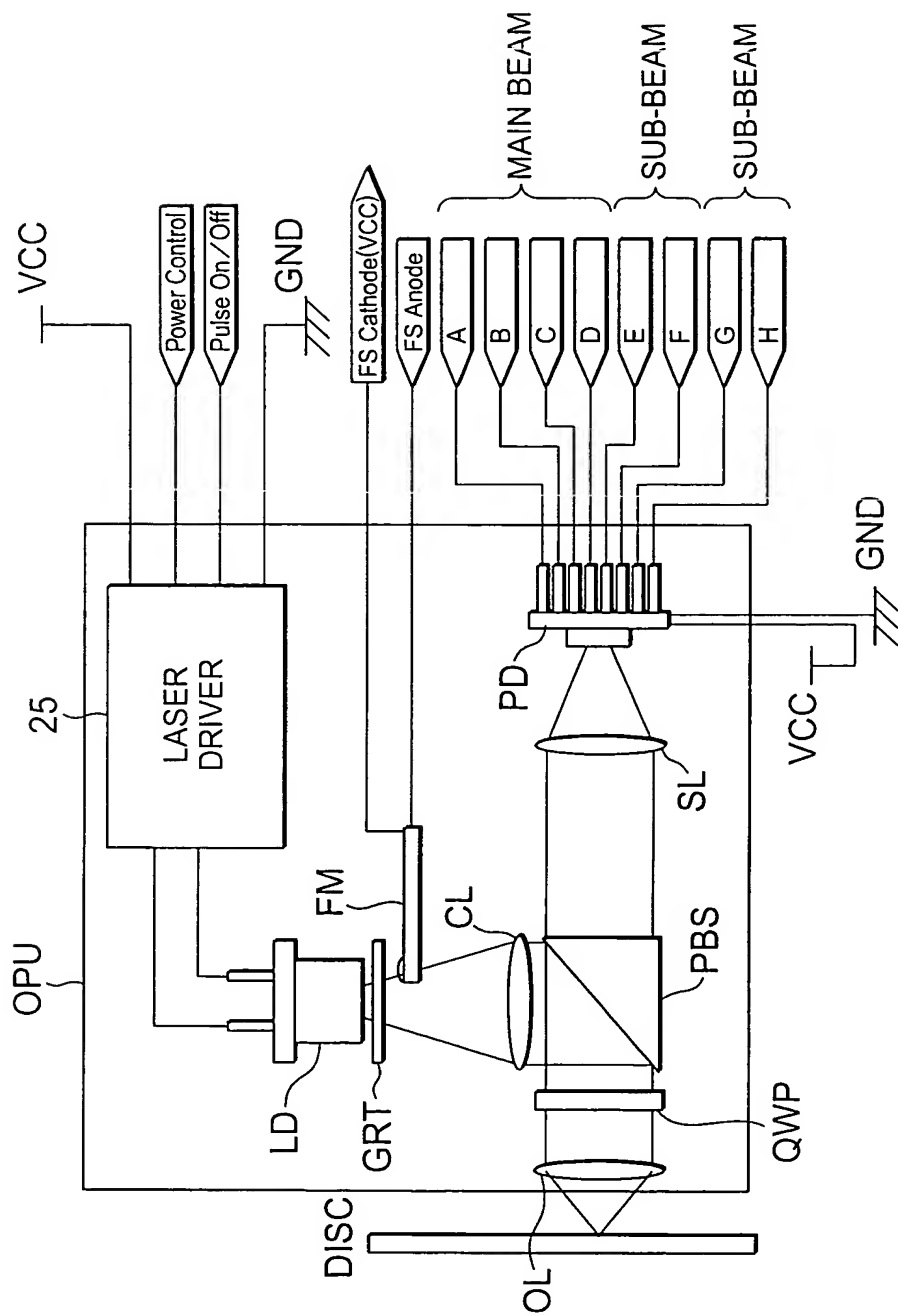


FIG. 4

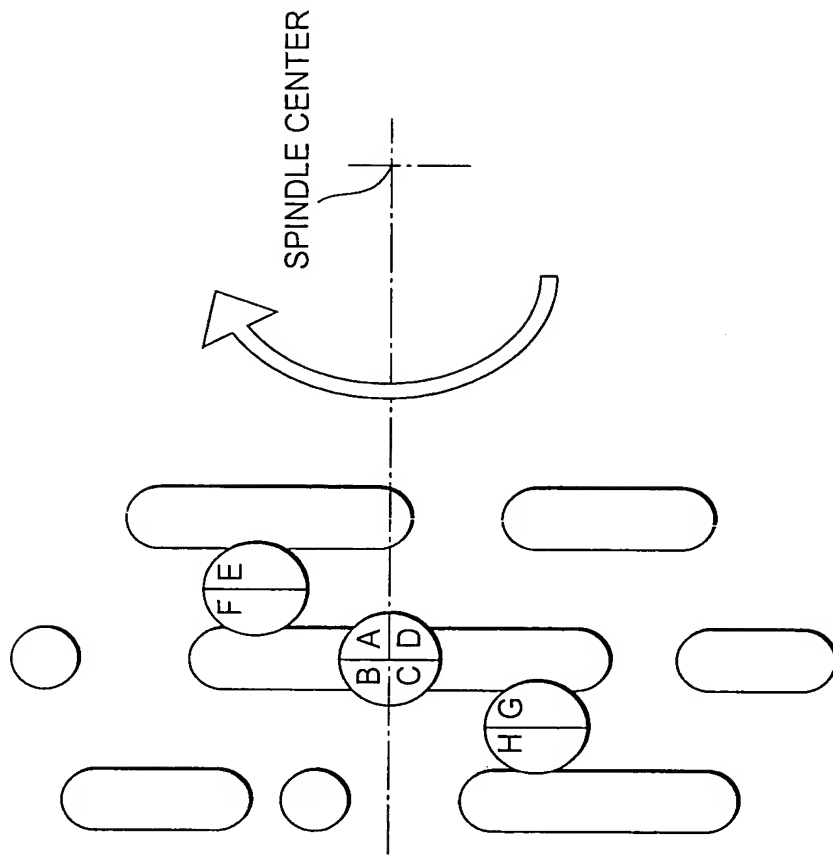


FIG. 5A

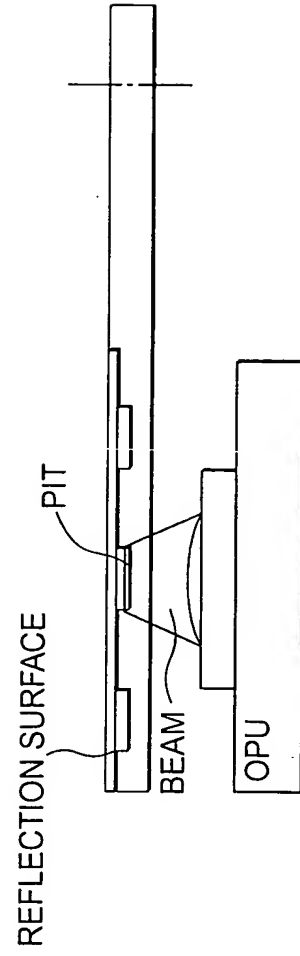


FIG. 5B

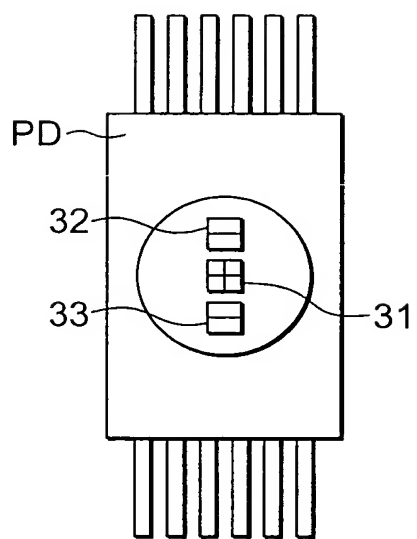


FIG. 6A

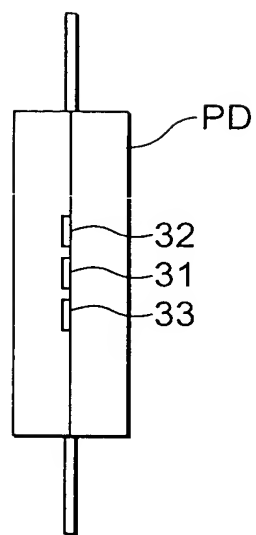


FIG. 6B

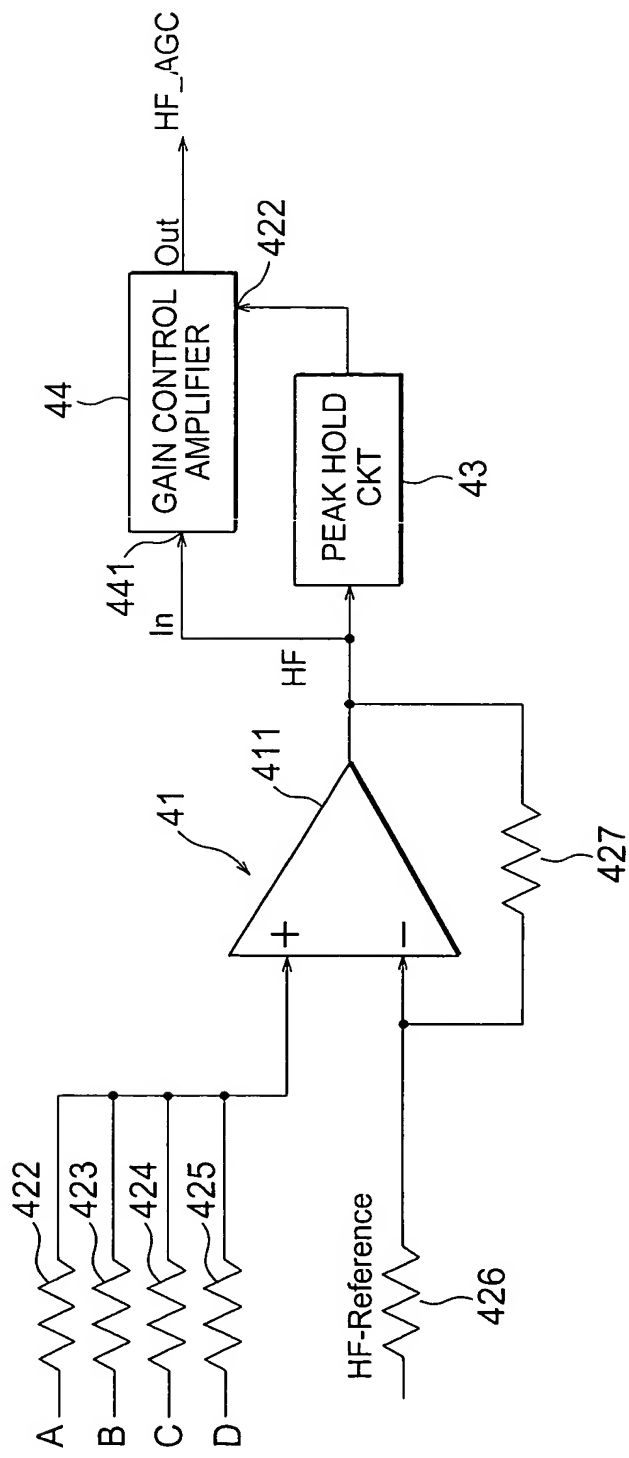


FIG. 7

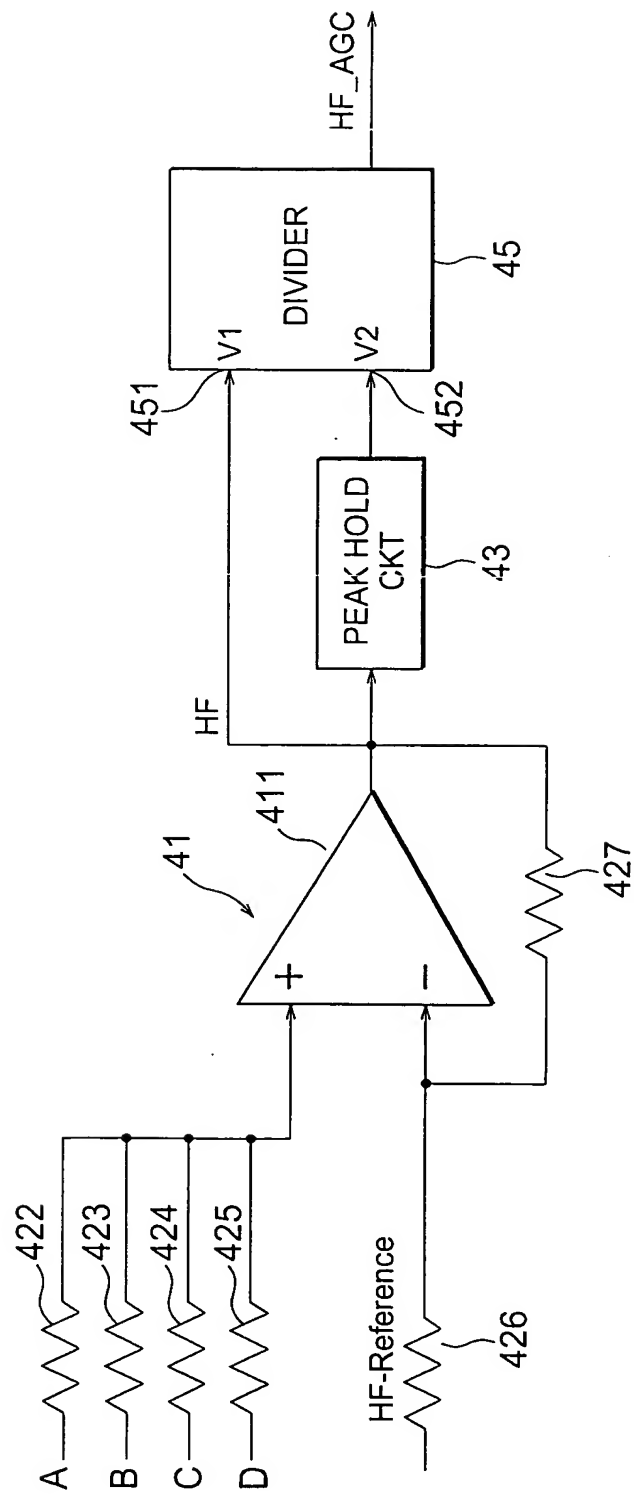


FIG. 8

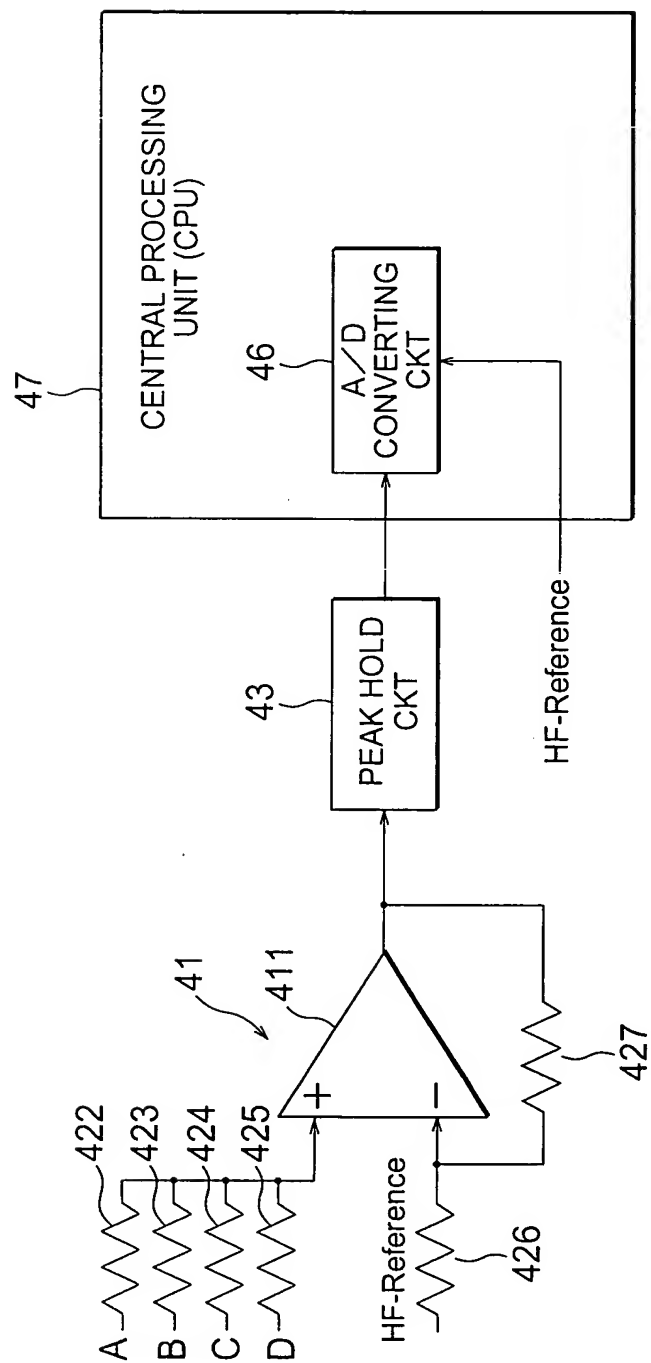


FIG. 9

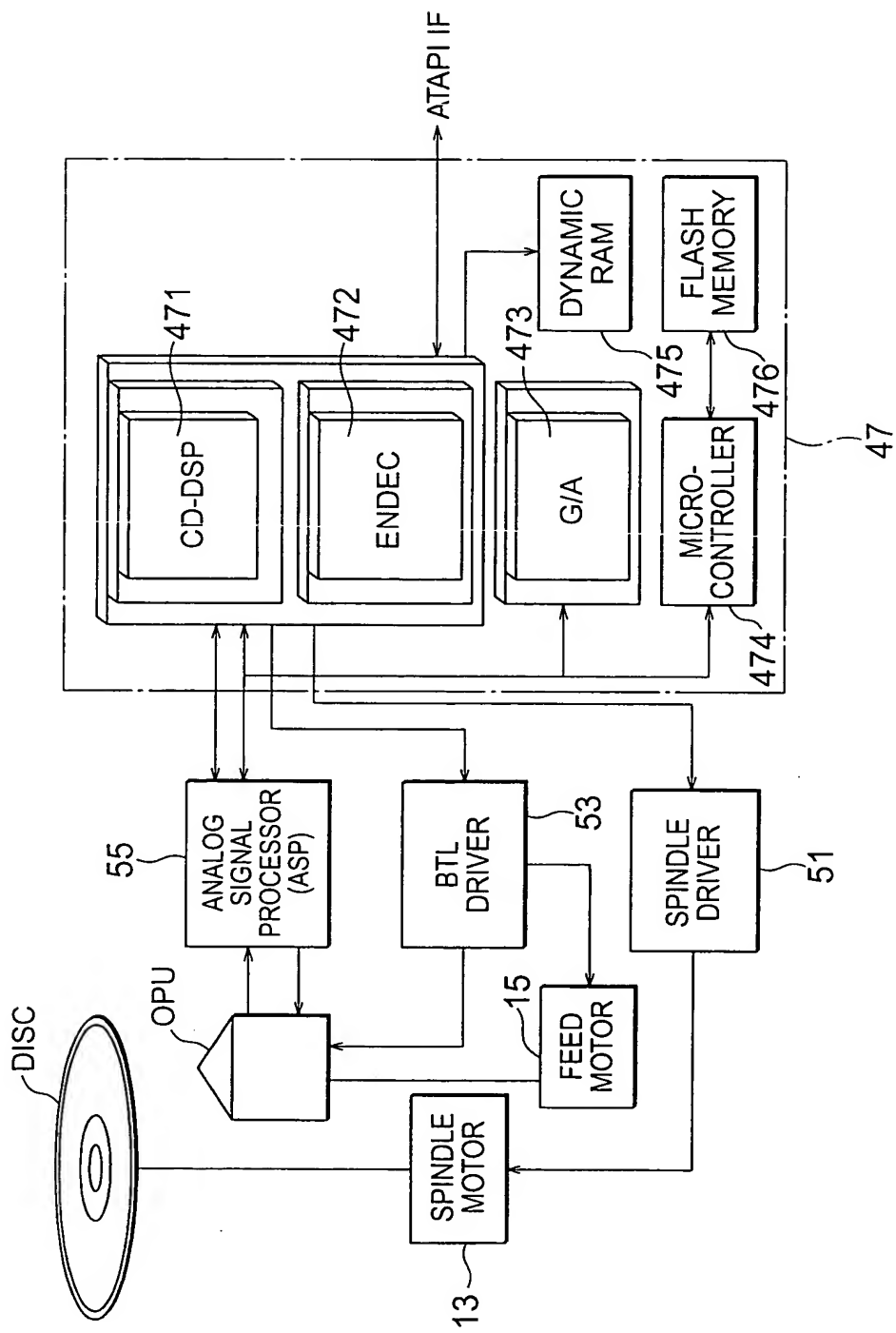


FIG. 10

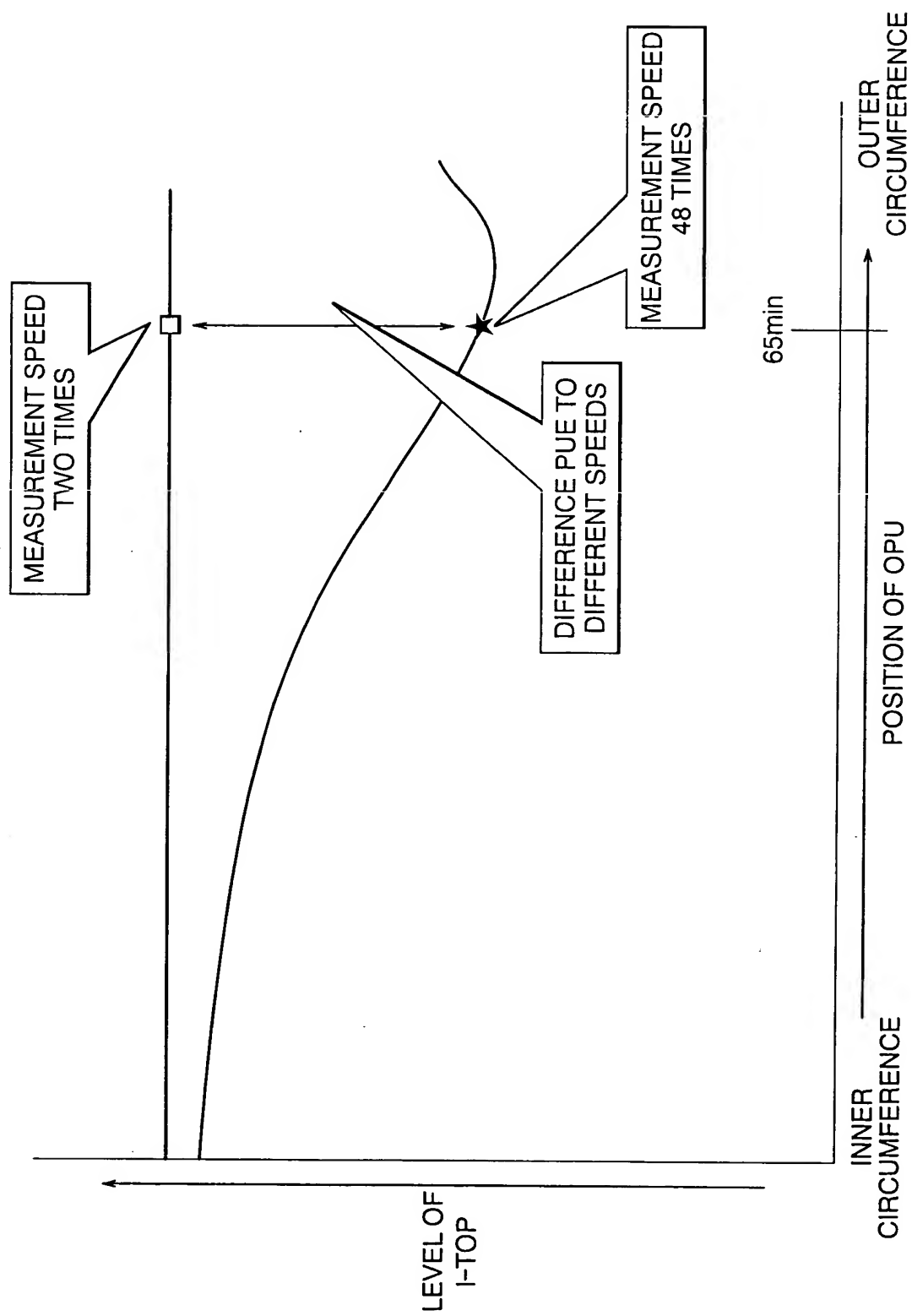


FIG. 11

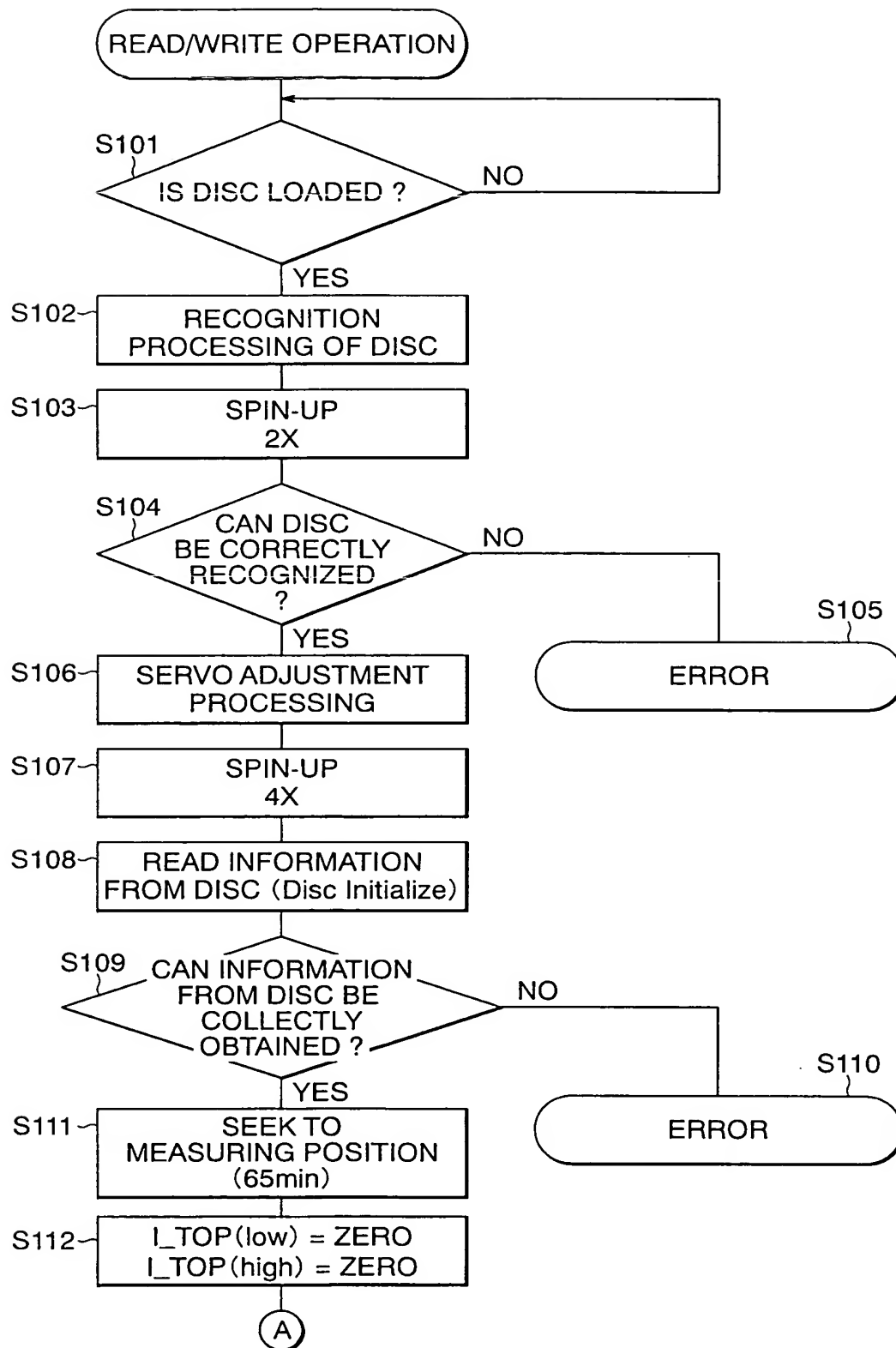


FIG. 12A

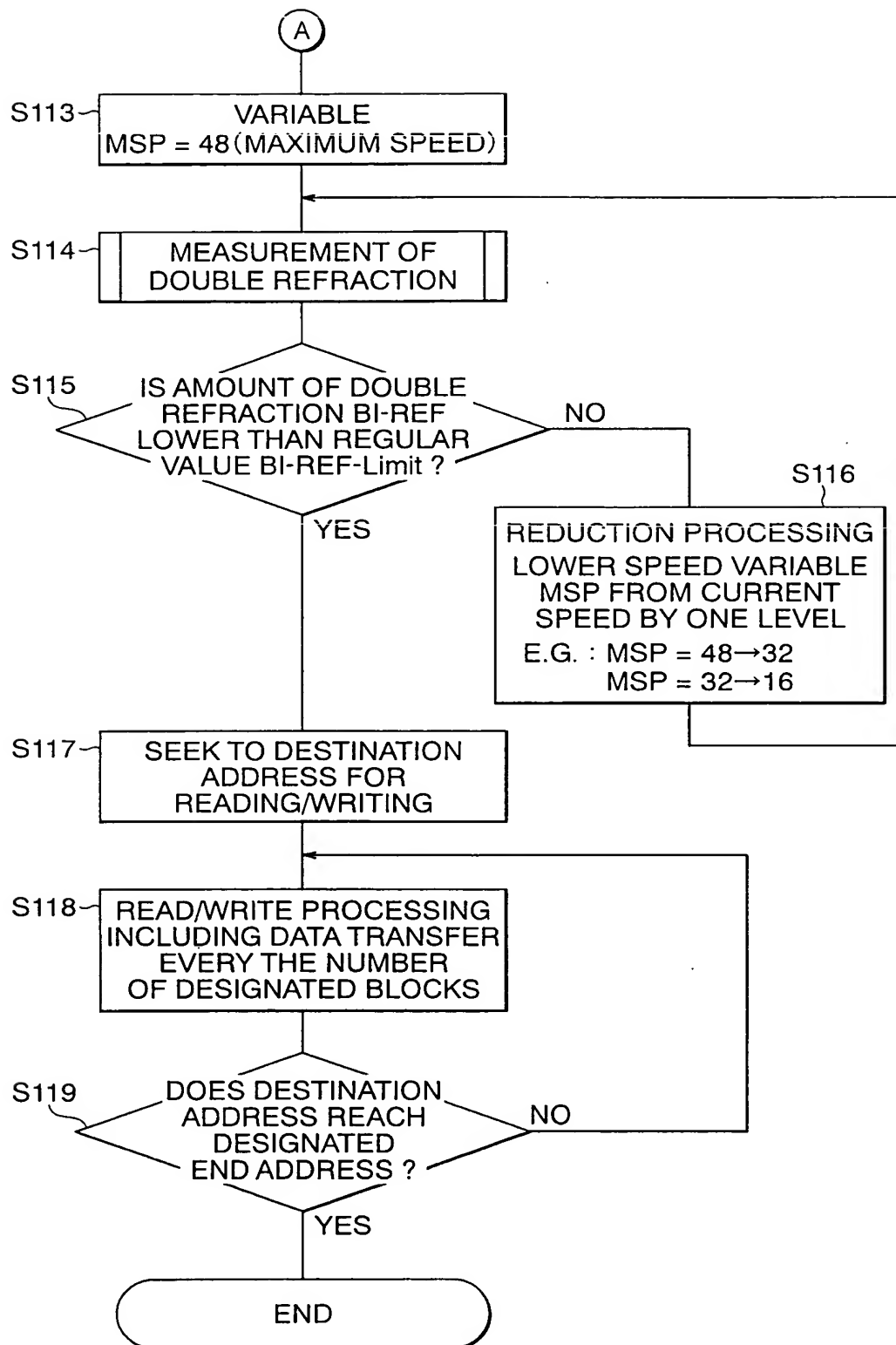


FIG. 12B

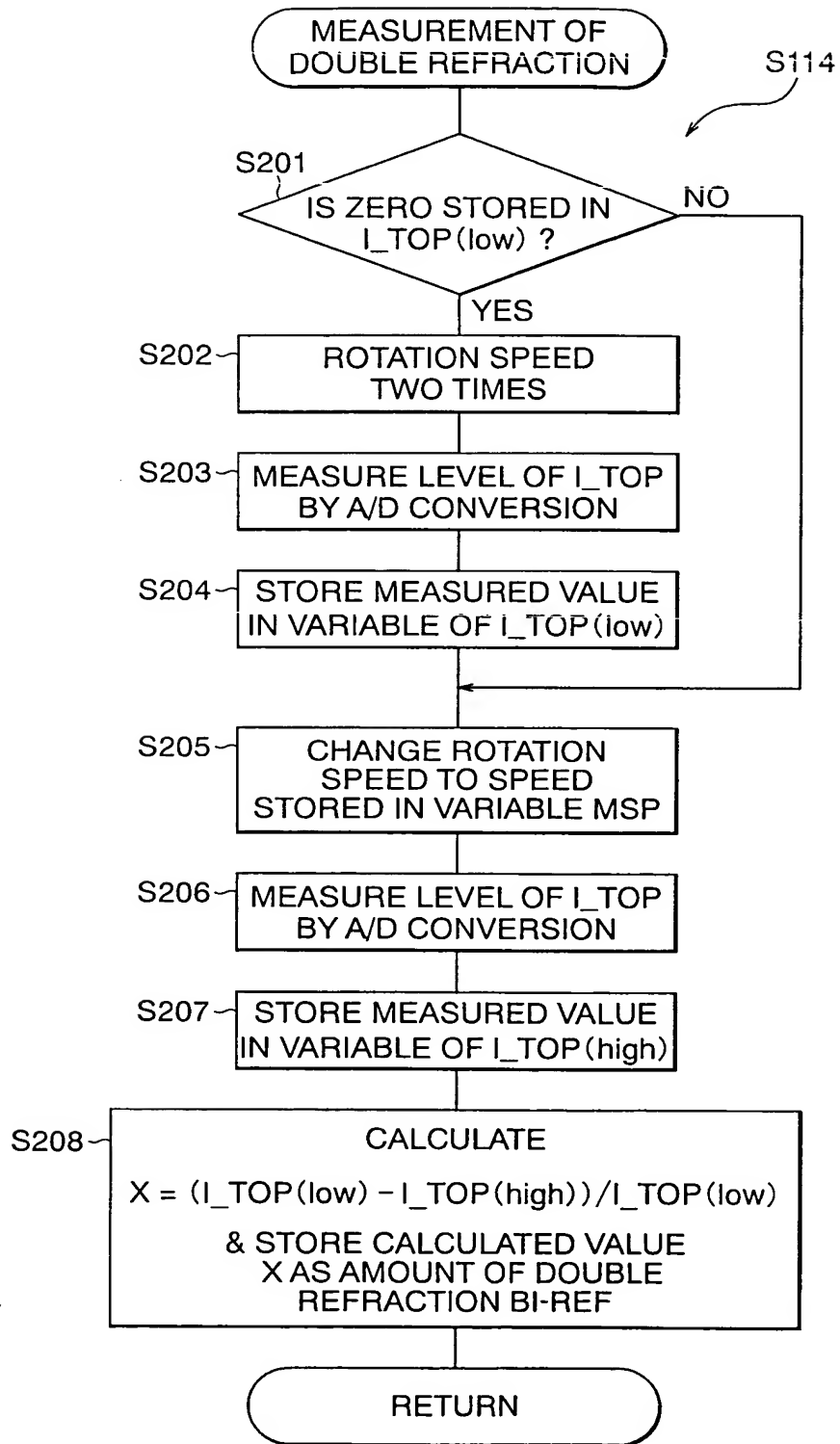


FIG. 13

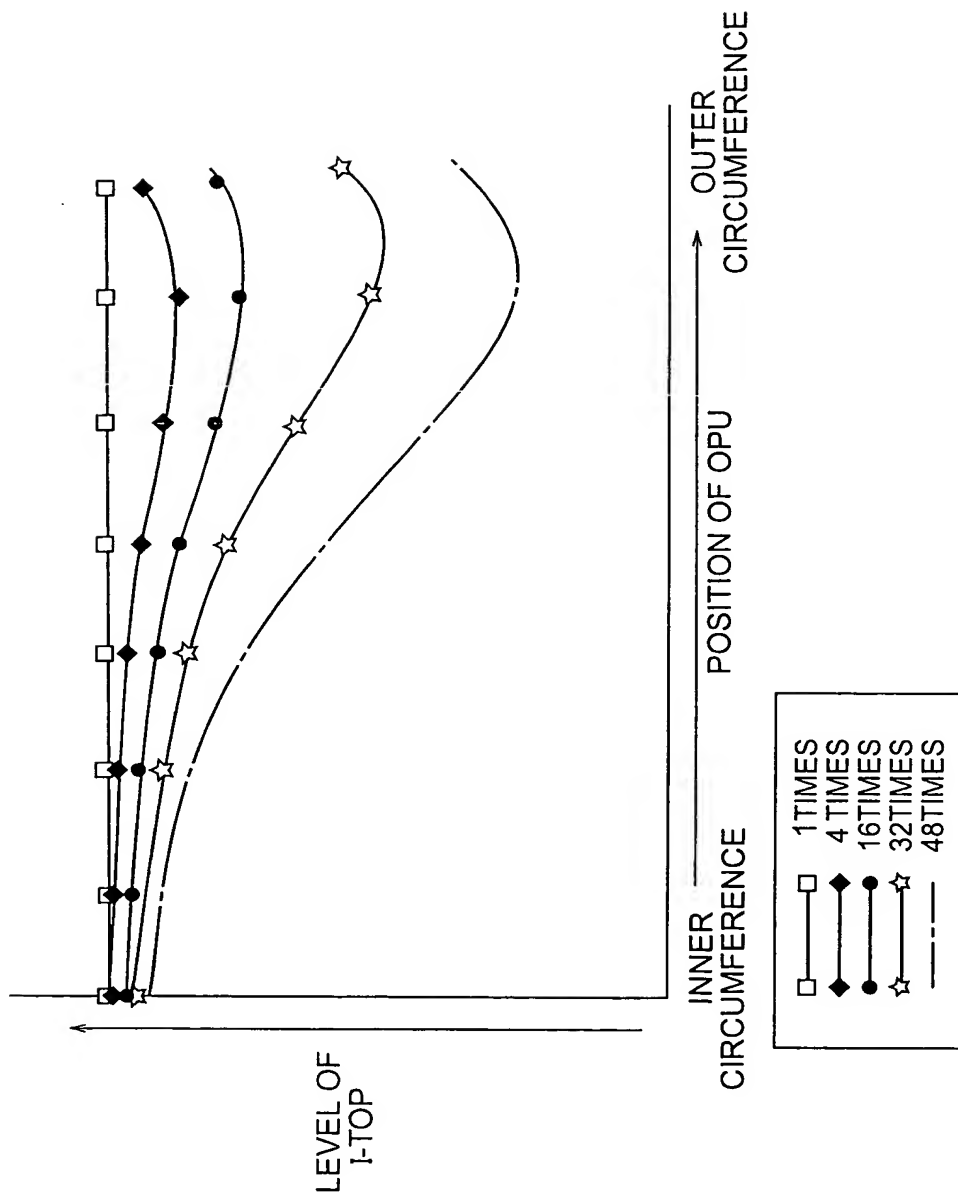


FIG. 14

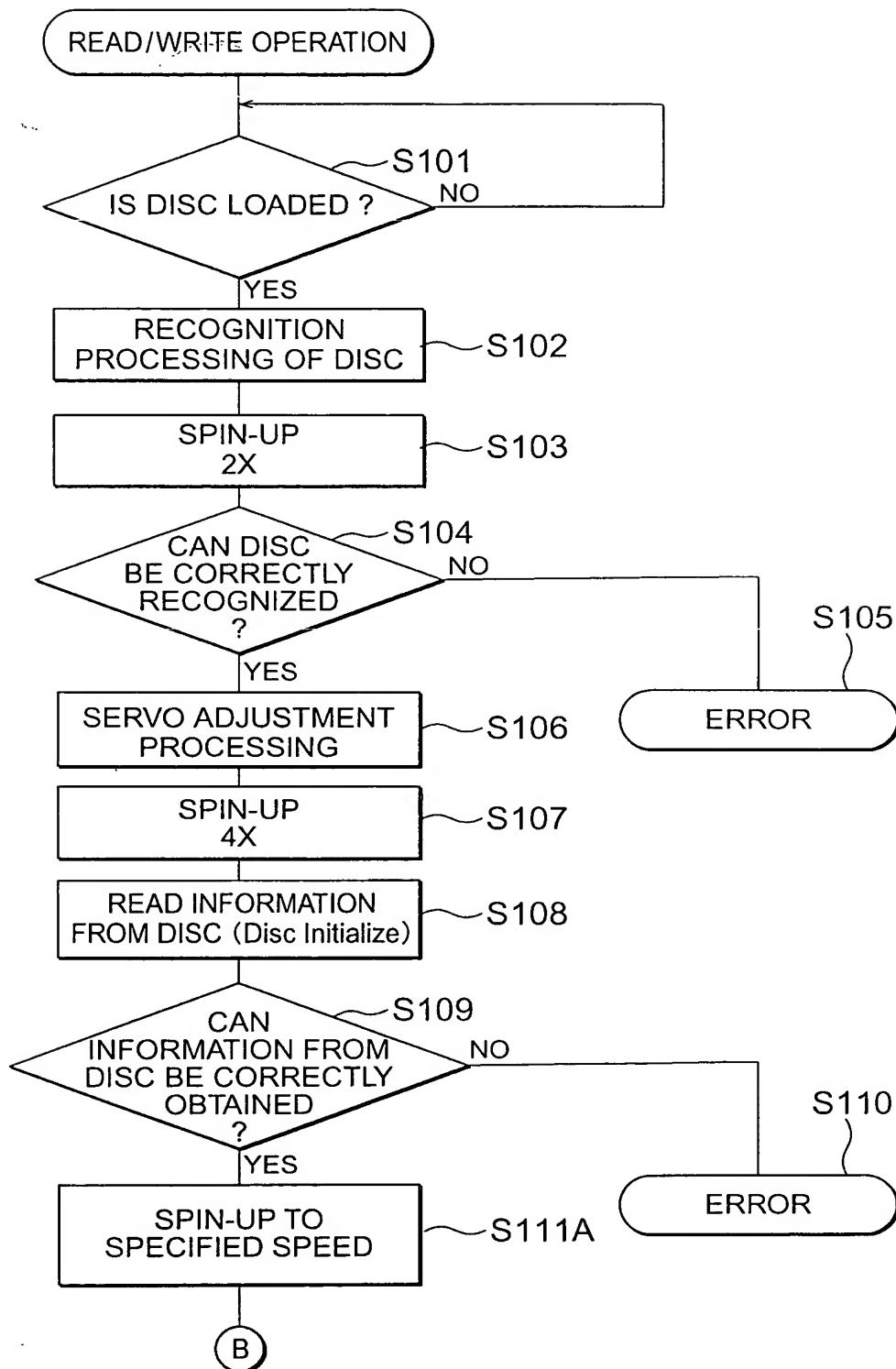


FIG. 15A

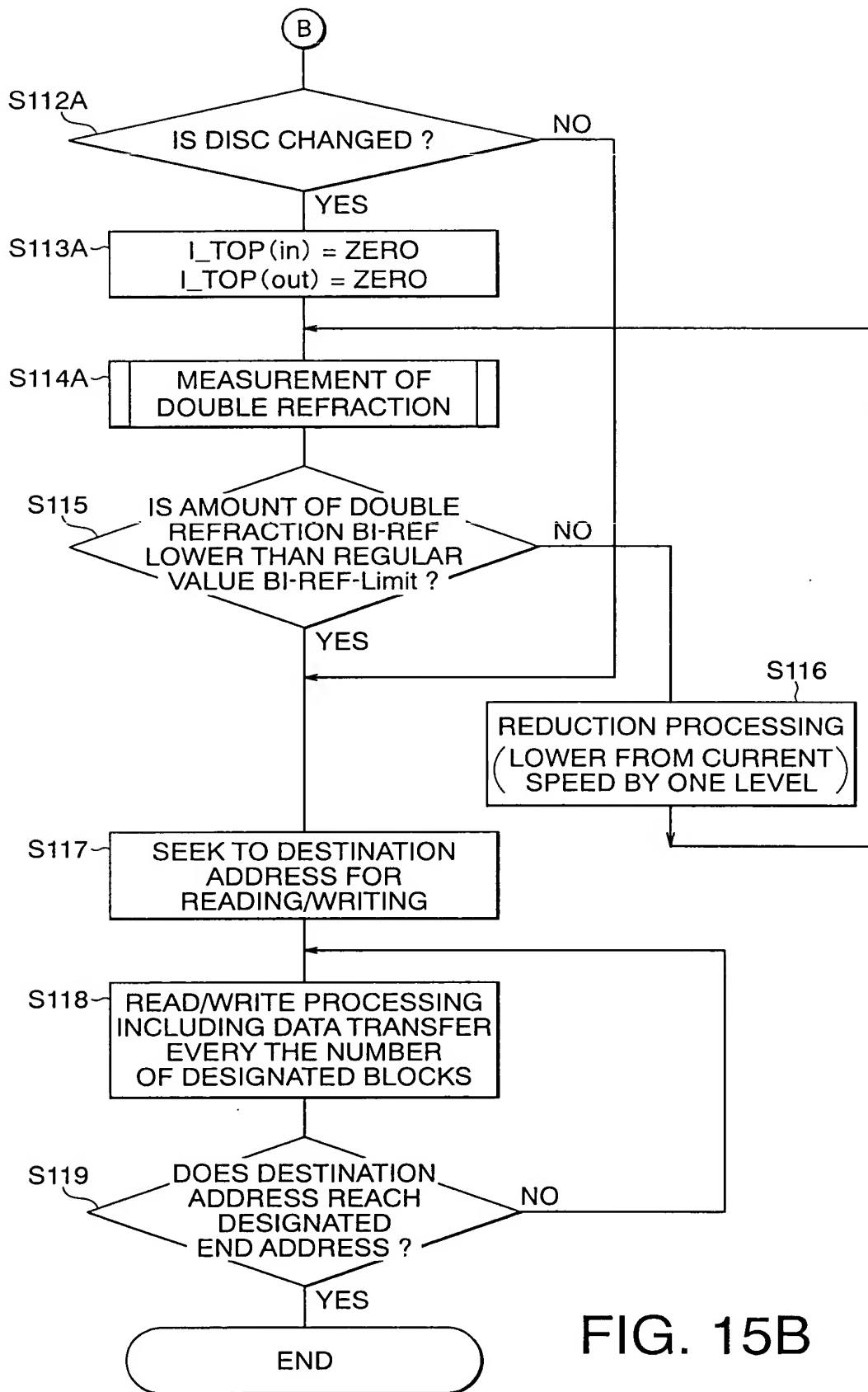


FIG. 15B

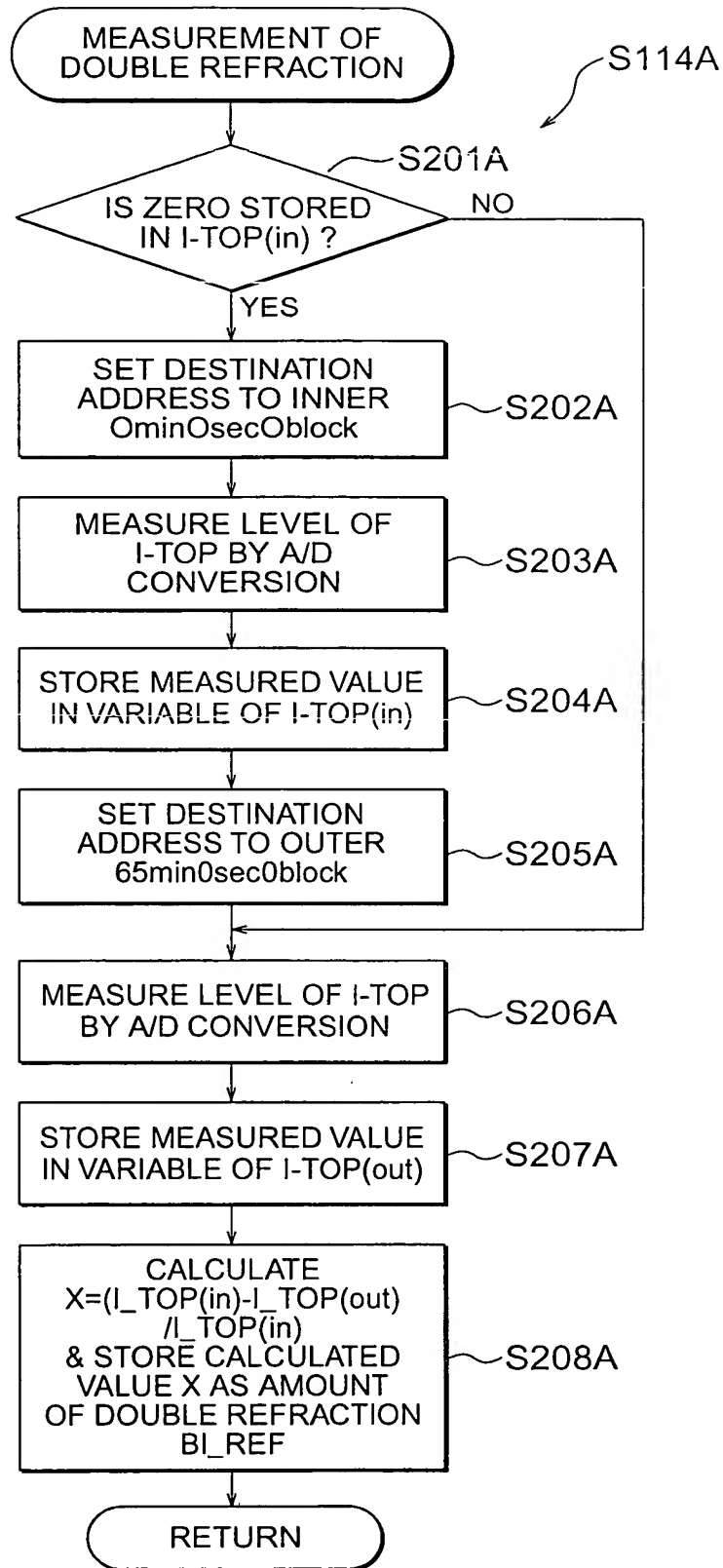
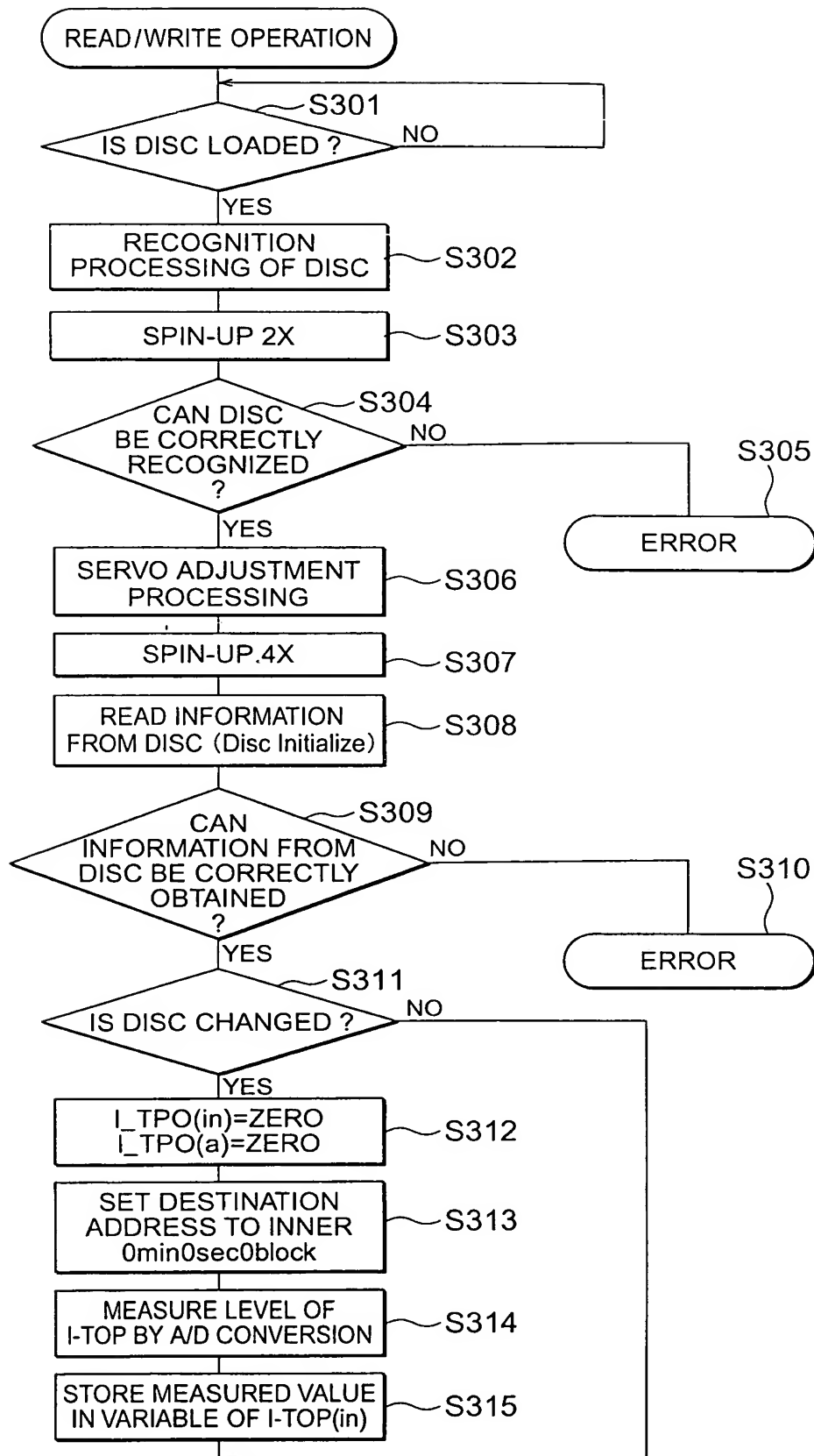


FIG. 16



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FIG. 17A

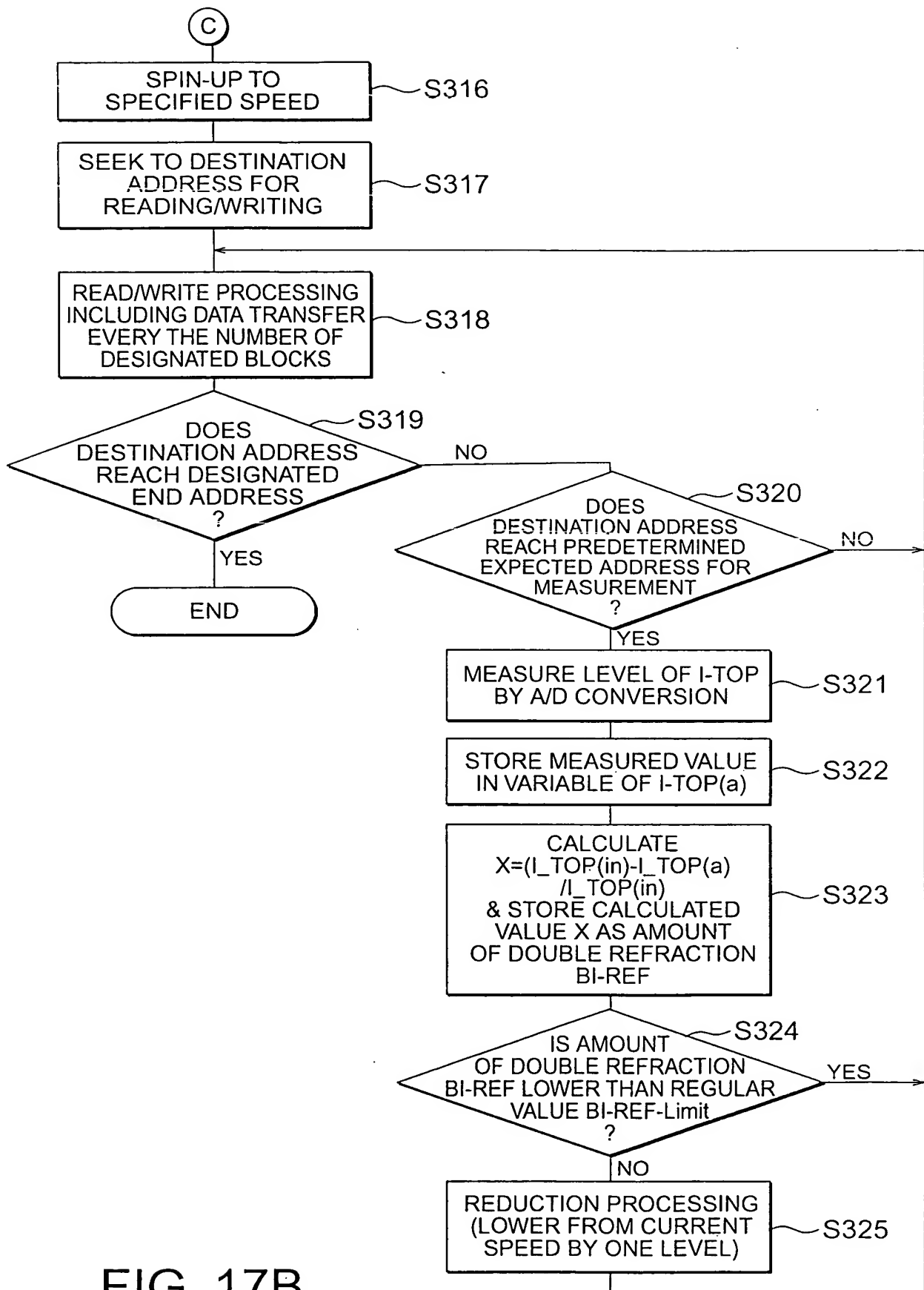


FIG. 17B

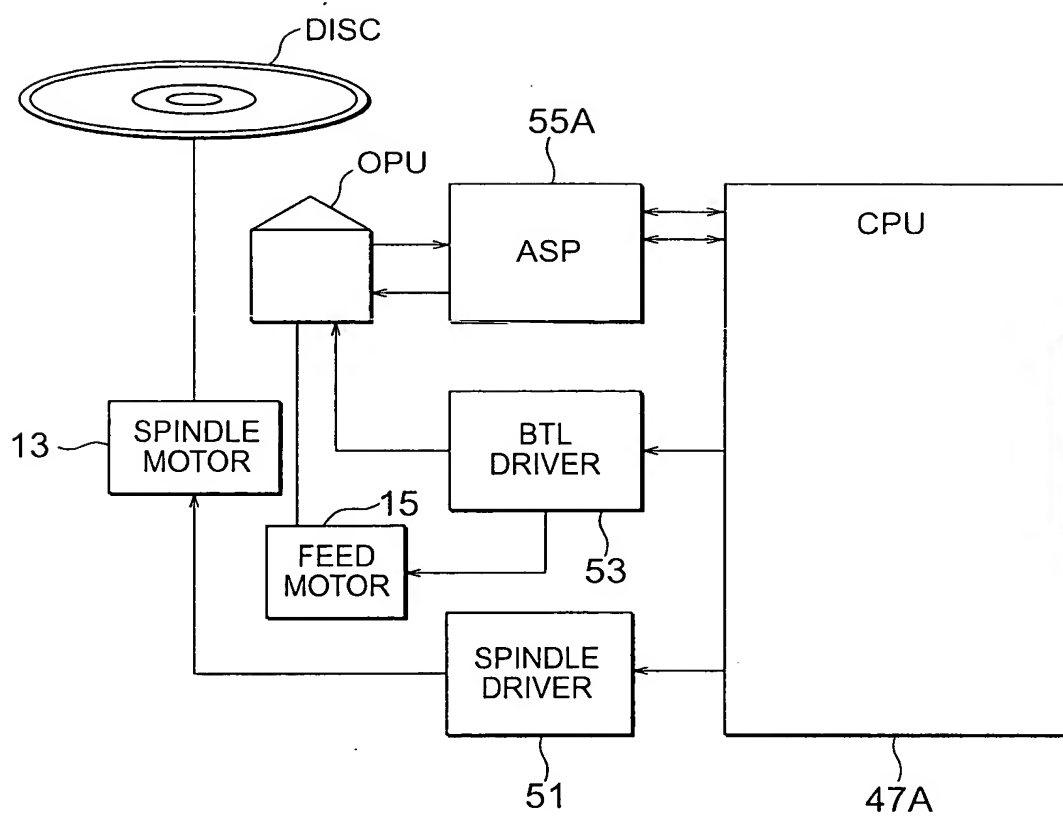


FIG. 18

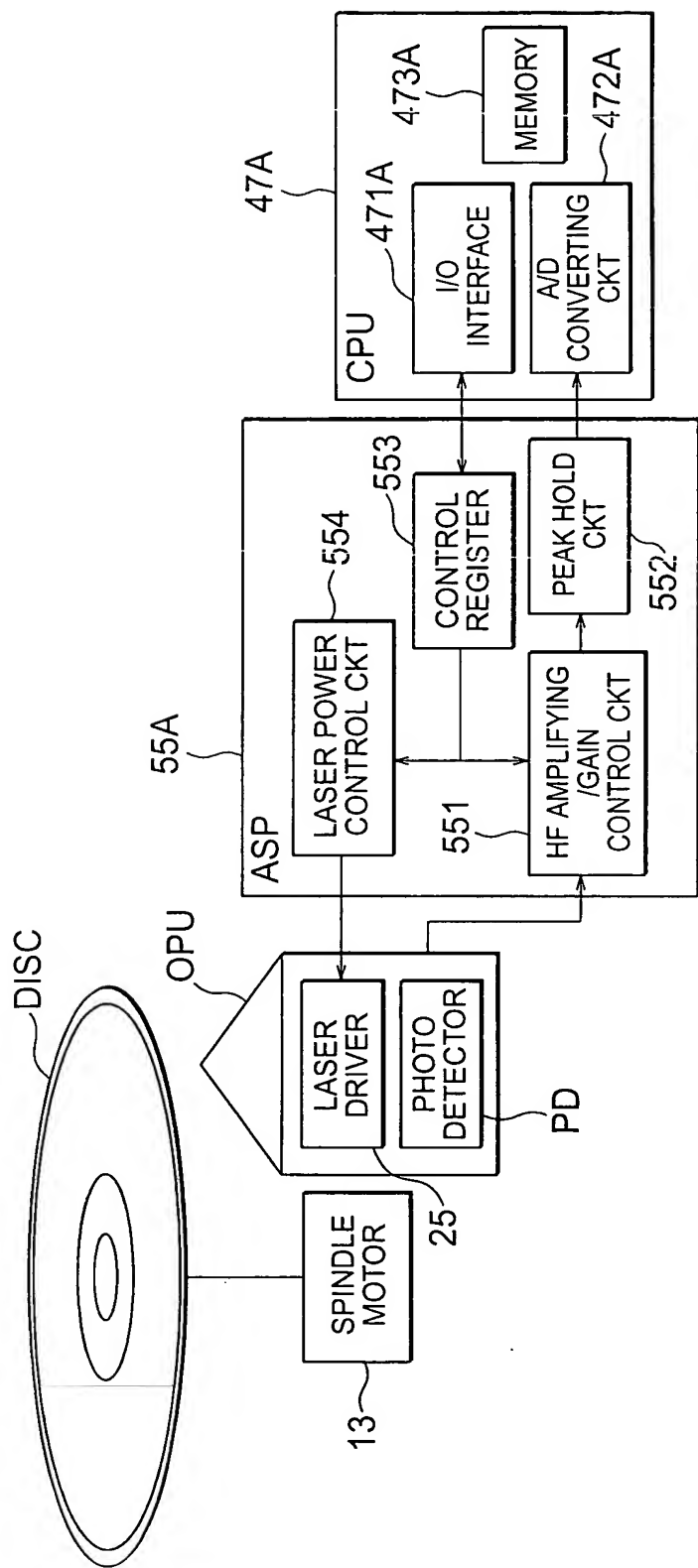


FIG. 19

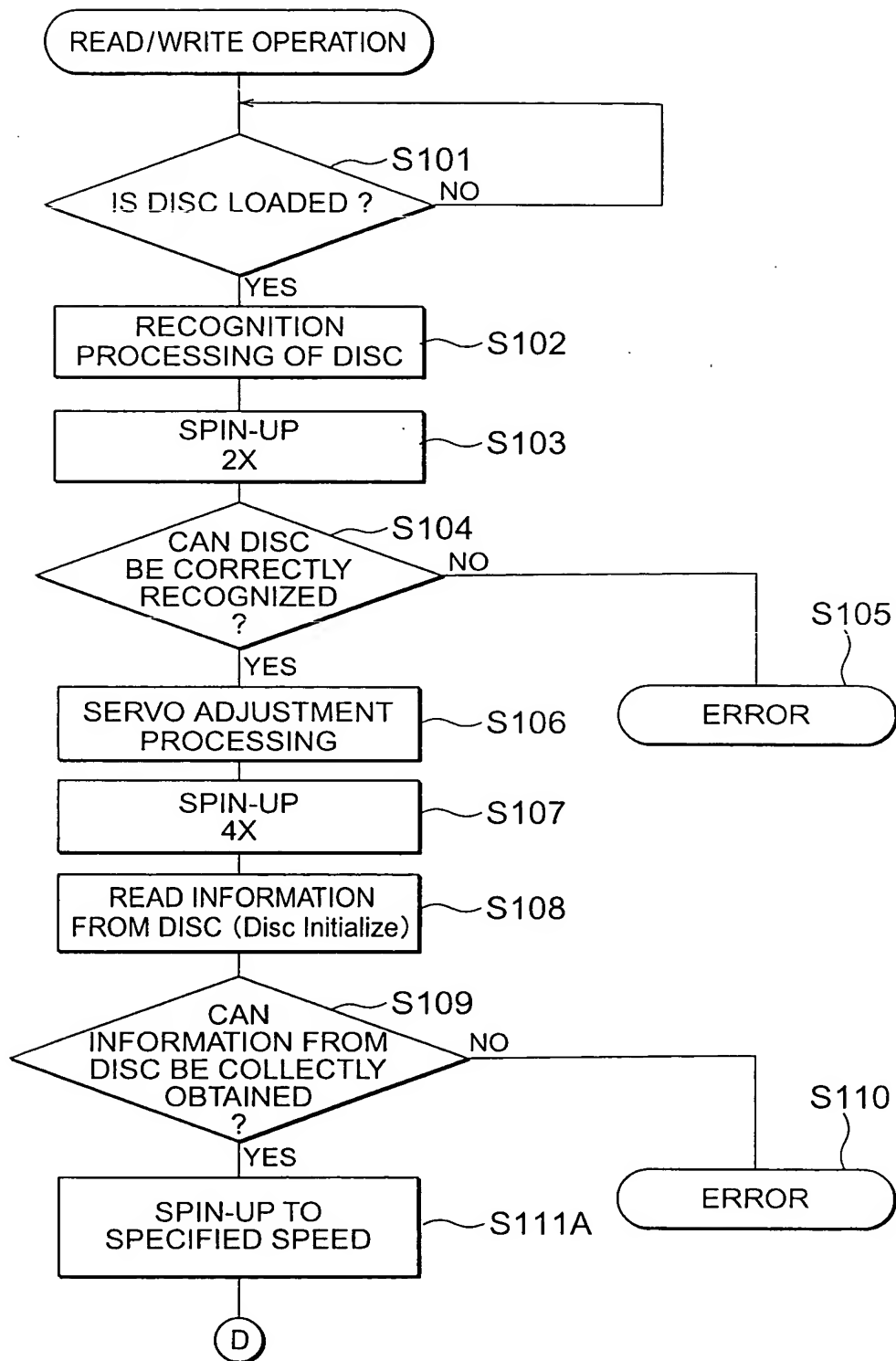


FIG. 20A

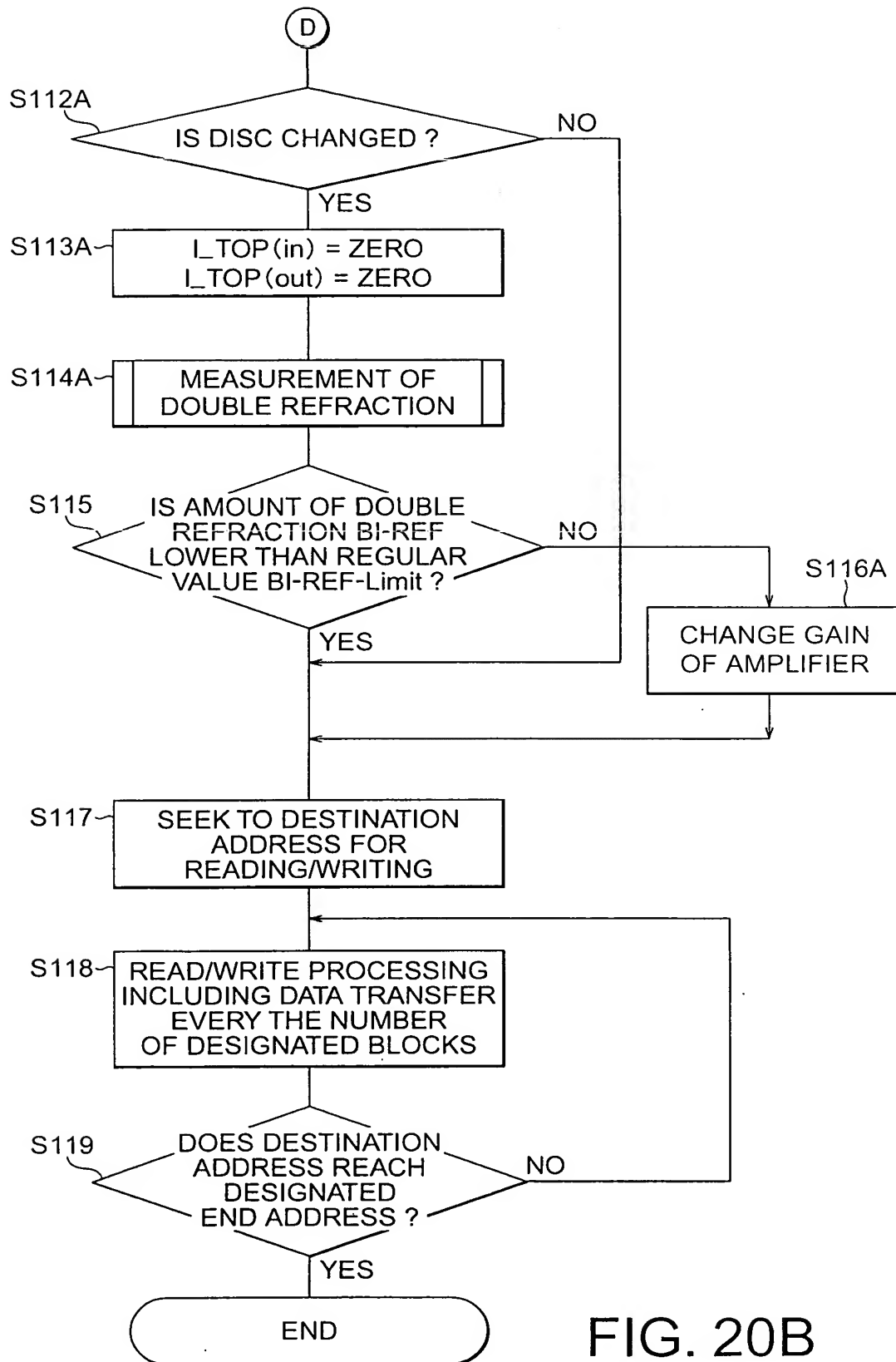


FIG. 20B

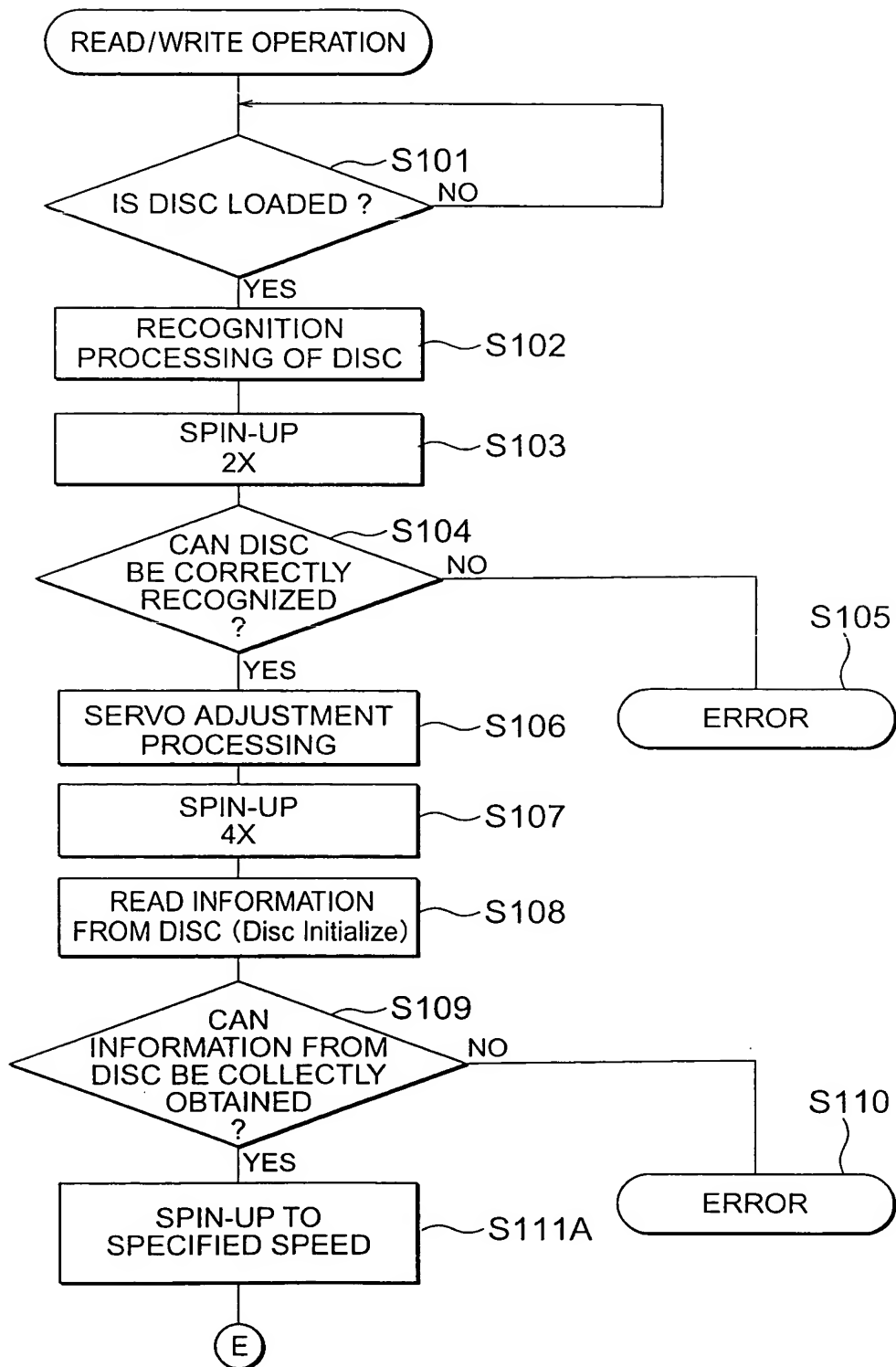


FIG. 21A

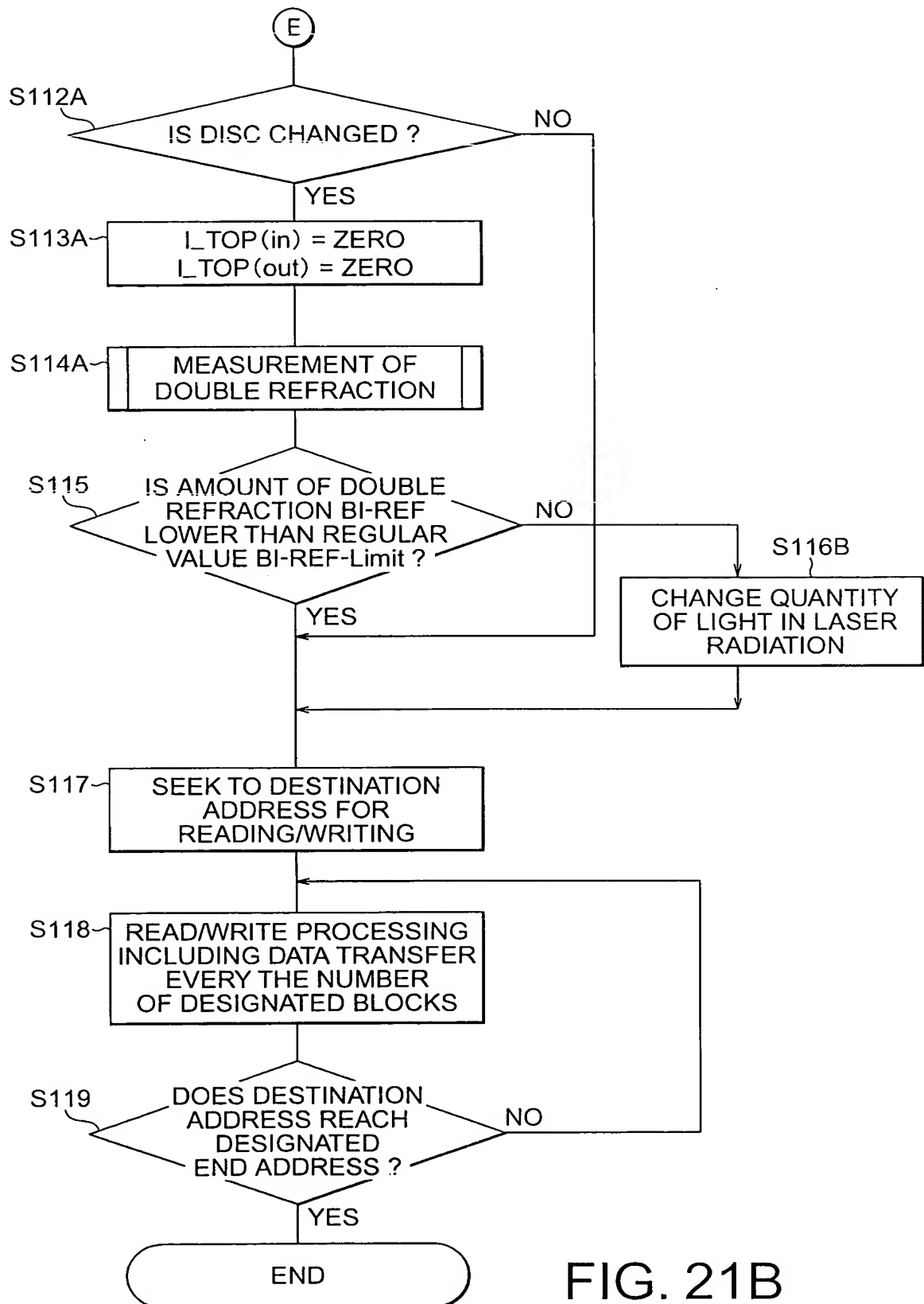


FIG. 21B

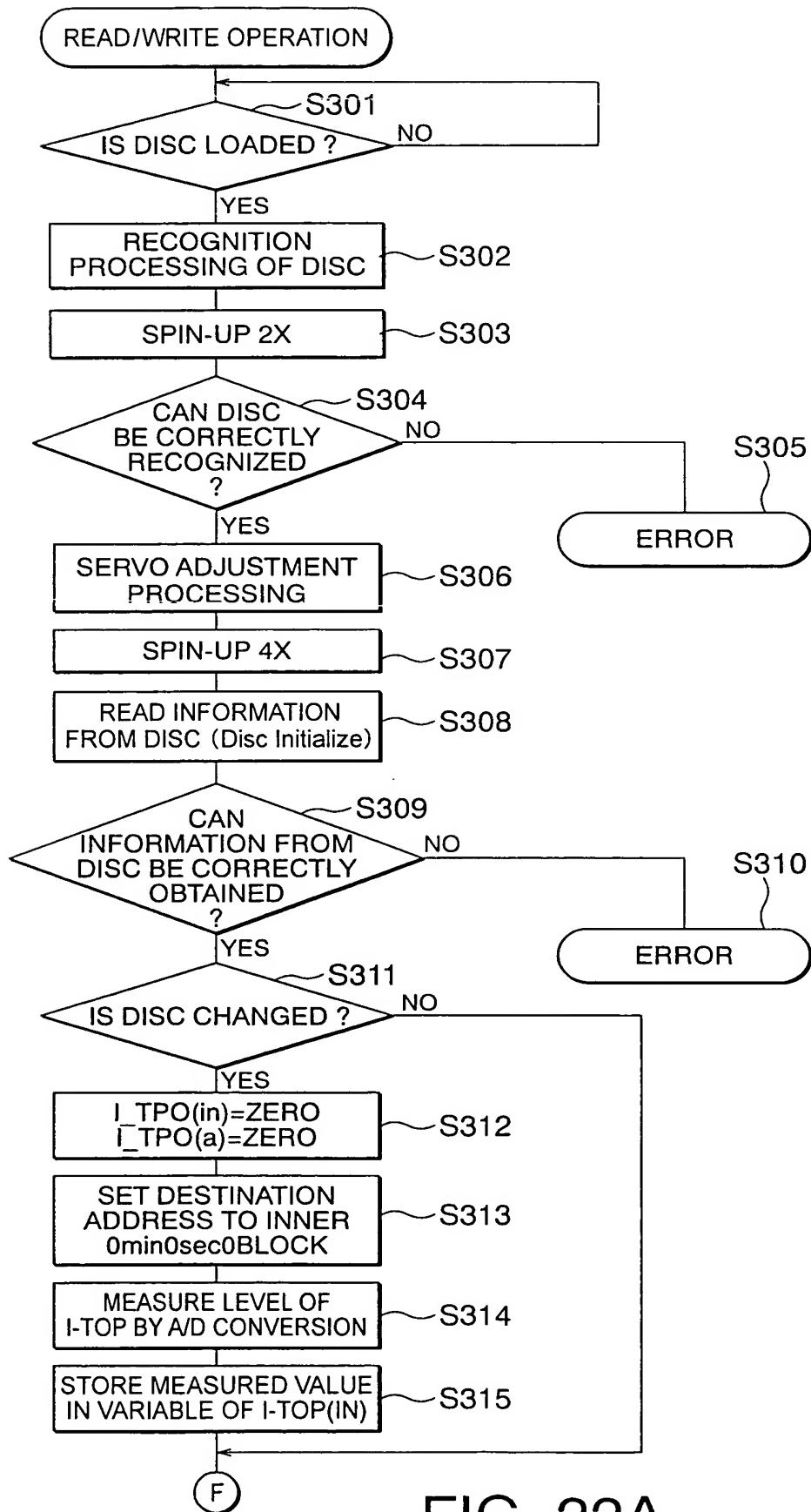


FIG. 22A

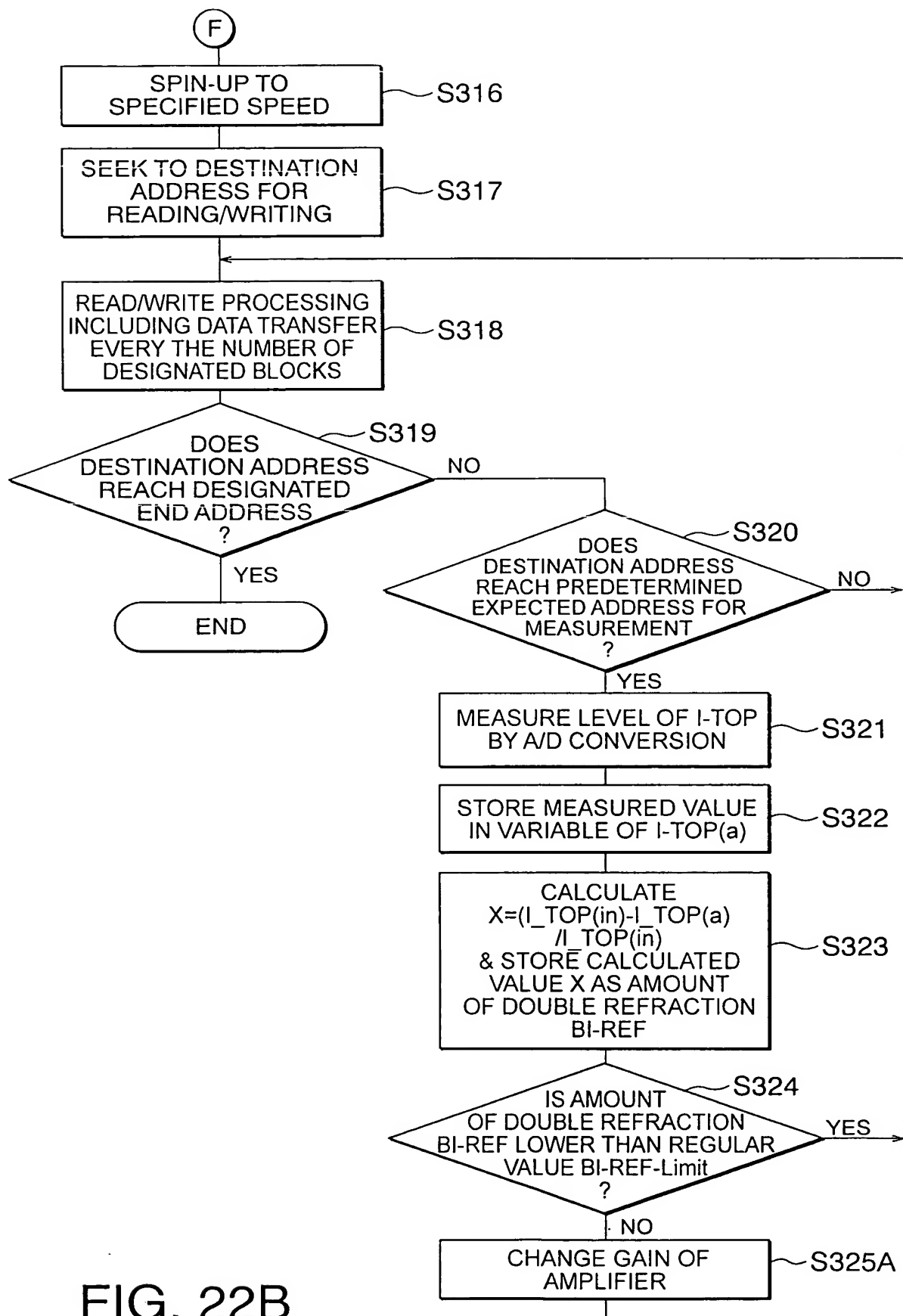


FIG. 22B

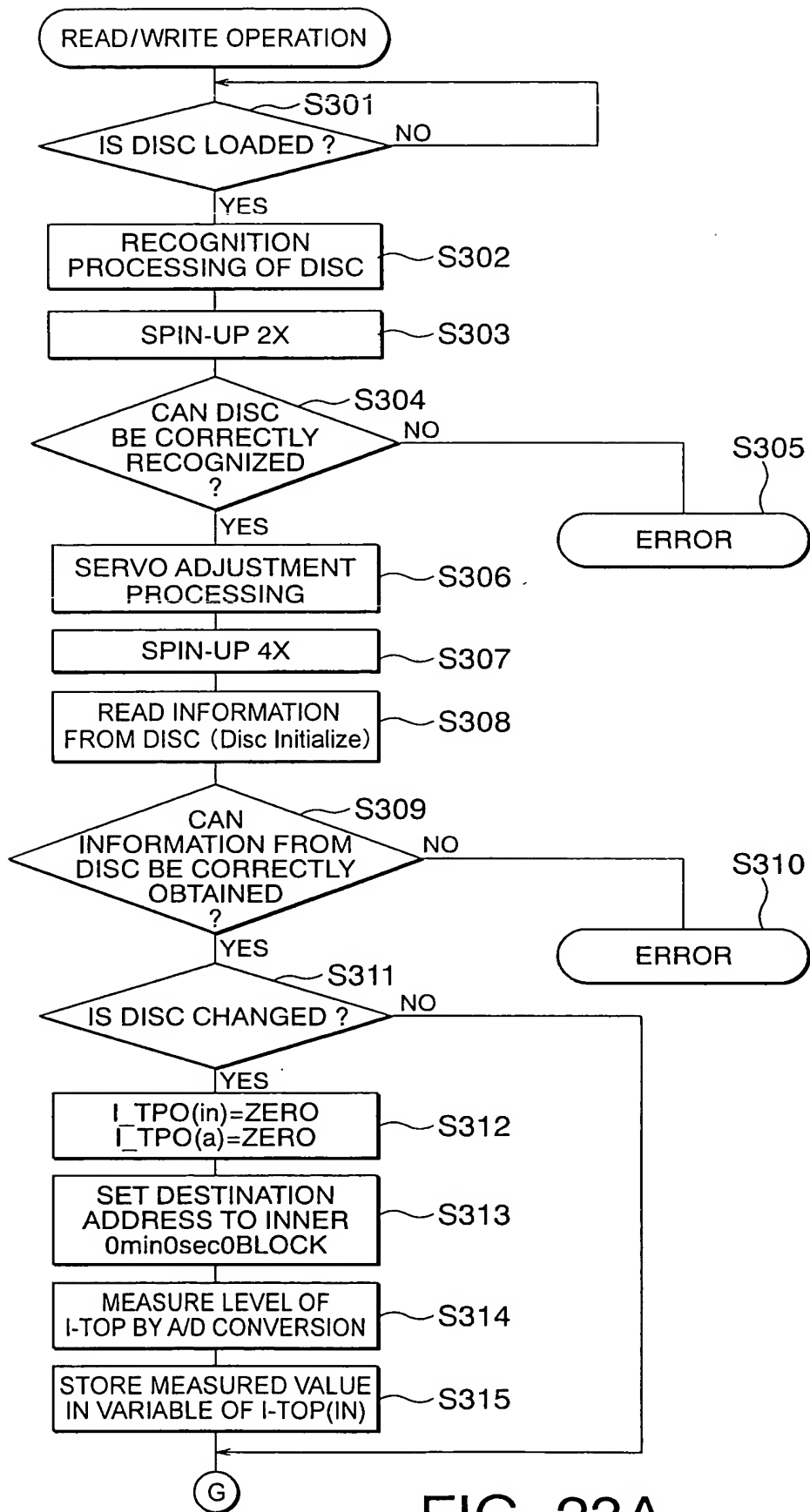
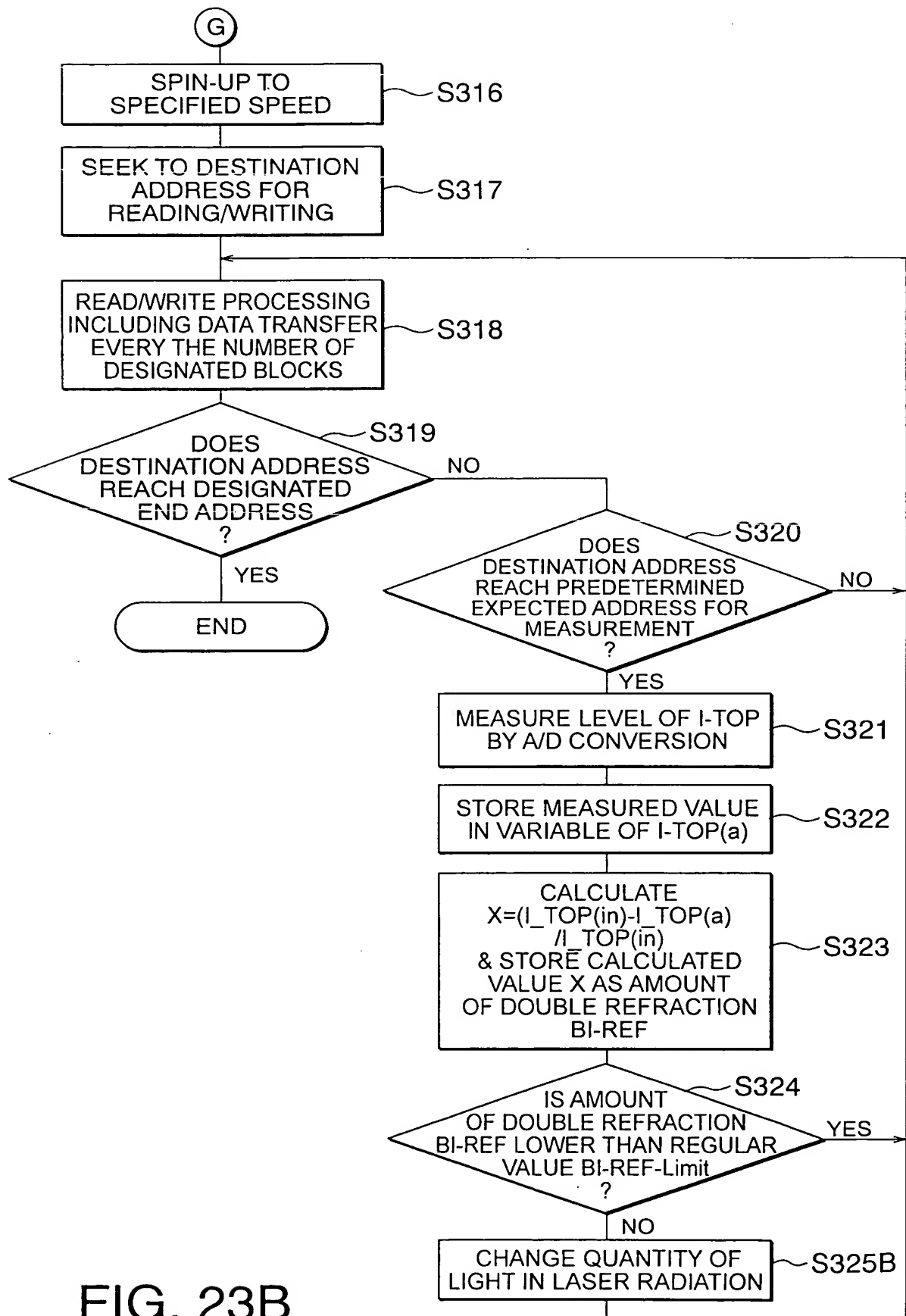


FIG. 23A



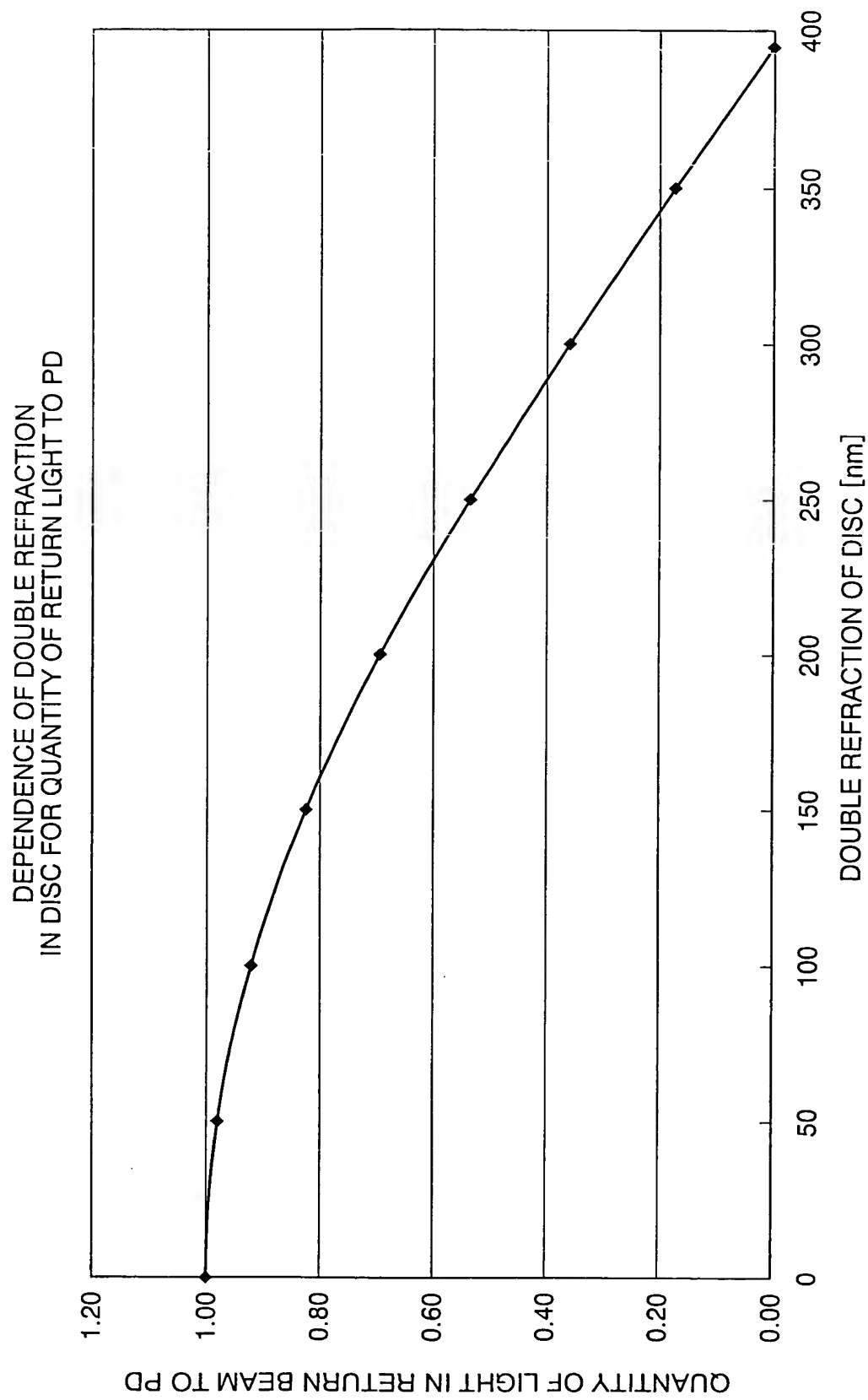


FIG. 24

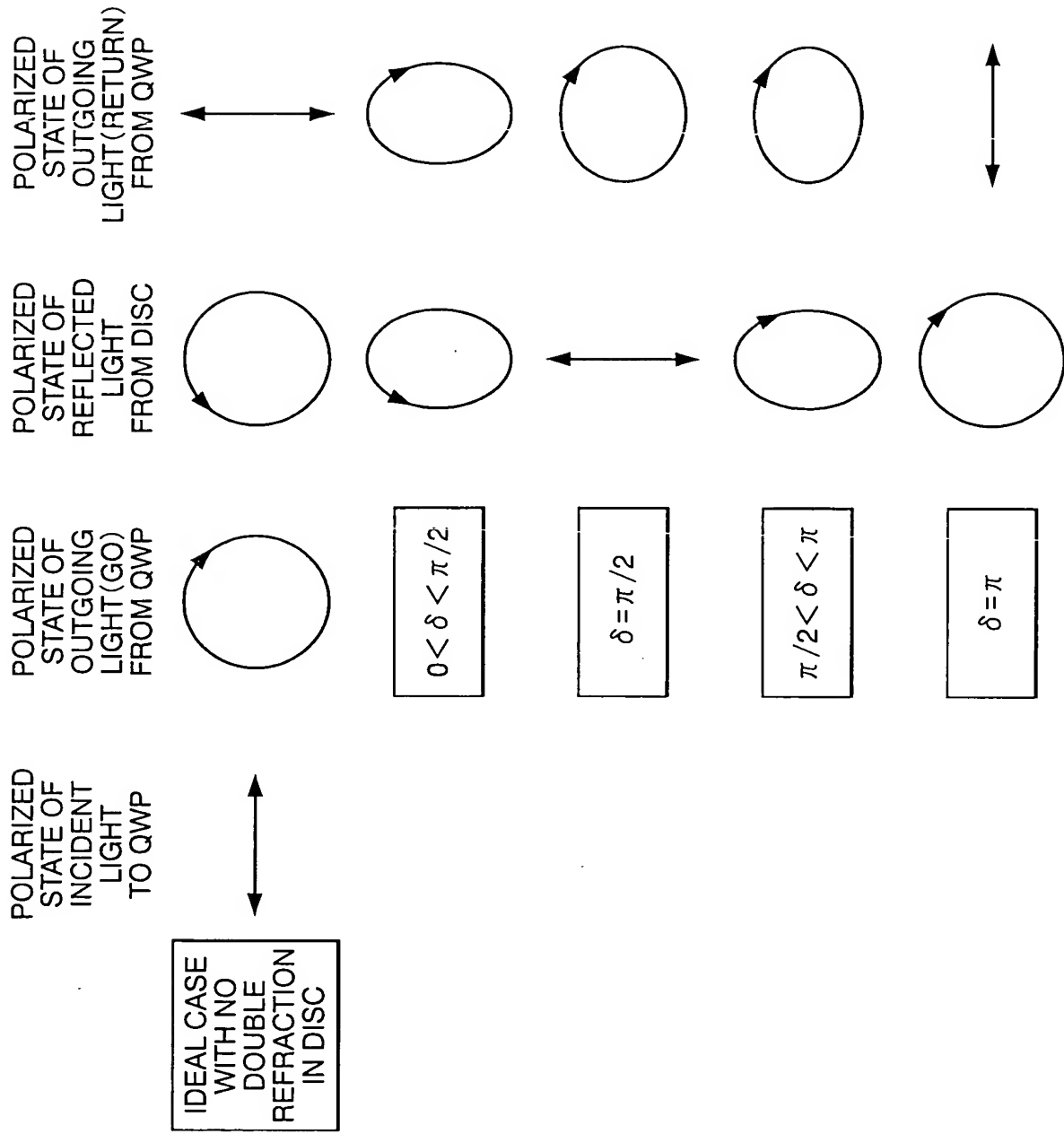


FIG. 25A

FIG. 25B

FIG. 25C

FIG. 25D

FIG. 25E

AMOUNT OF DOUBLE REFRACTION IN DISC	PHASE SHIFT	QUANTITY OF INCIDENT LIGHT TO PD-IC
[nm]	[radian]	
0	0.00	1.00
50	0.40	0.98
100	0.80	0.92
150	1.20	0.83
200	1.60	0.70
250	2.00	0.54
300	2.40	0.36
350	2.80	0.17
392.5	3.14	0.00
450	3.60	0.23
500	4.00	0.42
550	4.40	0.59
600	4.80	0.74
650	5.20	0.86
700	5.60	0.94
750	6.00	0.99
785	6.28	1.00

FIG. 26

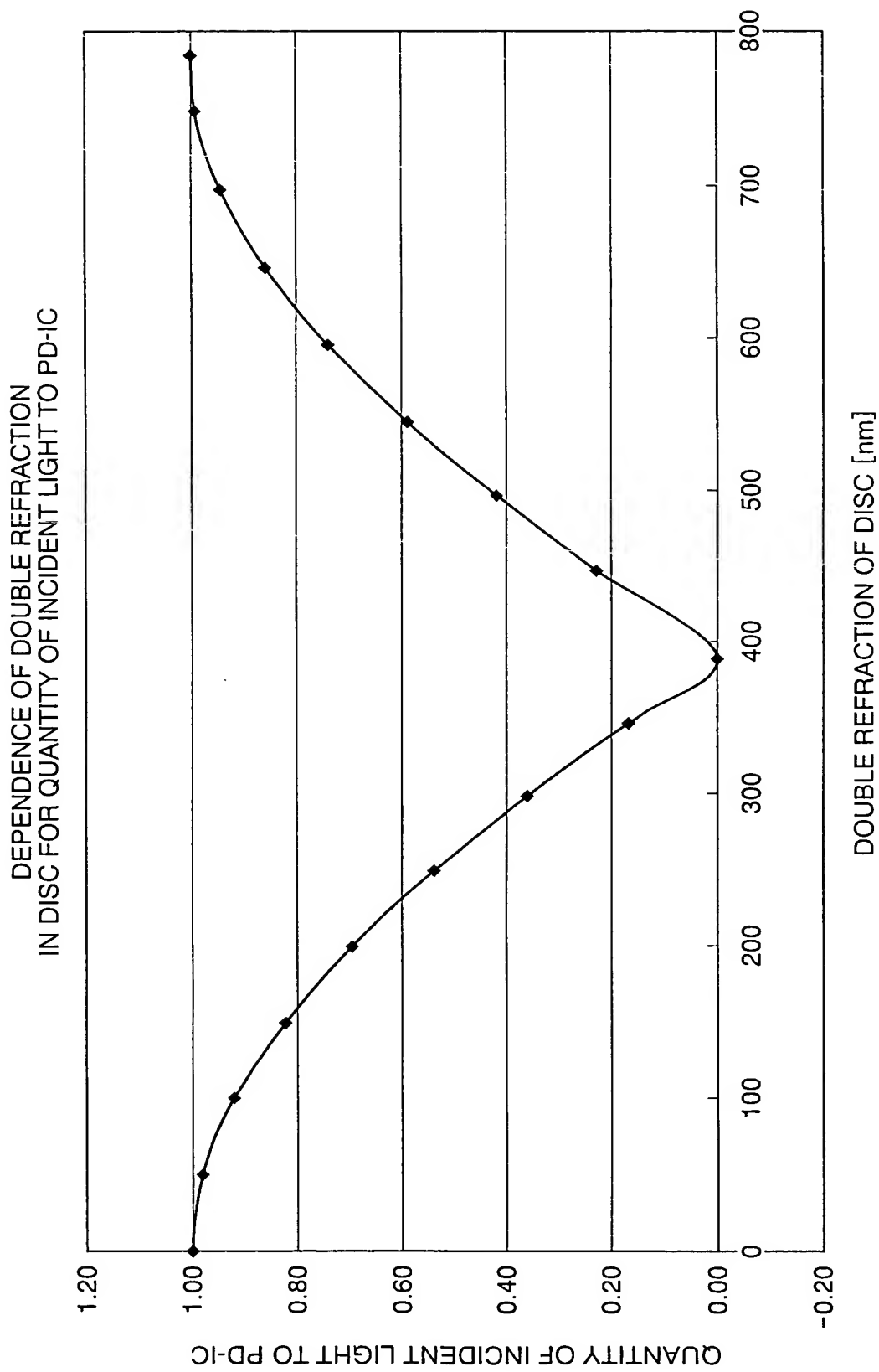


FIG. 27